4-2009

Development of an information system of forecasting and inventory management for spare parts

Lourdes Valeria Ludwig
University of Tennessee

To the Graduate Council:

I am submitting herewith a thesis written by Lourdes Valeria Ludwig entitled "Development of an information system of forecasting and inventory management for spare parts." I have examined the final electronic copy of this thesis for form and content and recommend that it be accepted in partial fulfillment of the requirements for the degree of Master of Science, with a major in Industrial Engineering.

Denise F. Jackson, Major Professor

We have read this thesis and recommend its acceptance:

Accepted for the Council:
Carolyn R. Hodges

Vice Provost and Dean of the Graduate School

(Original signatures are on file with official student records.)

To the Graduate Council:

I am submitting herewith a thesis written by Lourdes Valeria Ludwig entitled "Development of an Information System of Forecasting and Inventory Management for Spare Parts". I have examined the final electronic copy of this thesis for form and content and recommend that it be accepted in partial fulfillment of the requirements for the degree of Master of Science, with a major in Industrial Engineering.

_____

Denise F. Jackson, Major Professor

We have read this thesis
and recommend its acceptance:

_____

Gregory A. Sedrick

_____

George W. Garrison

Accepted for the Council:

_____

Carolyn R. Hodges, Vice Provost and
Dean of the Graduate School

.

(Original signatures are on file with official student records.)

DEVELOPMENT OF AN INFORMATION SYSTEM OF FORECASTING AND INVENTORY MANAGEMENT FOR SPARE PARTS

A Thesis Presented for
the Master of Science
Degree
The University of Tennessee, Knoxville

Lourdes Valeria Ludwig
April 2009

DEDICATION

I dedicate this work to my family, without their support, I would be nowhere today.

ACKNOWLEDGEMENTS

This thesis would not have been possible without the help of many people. First of all I would like to thank the personnel at Cubic: Gary Overman and Glenn Newton, who gave me the opportunity of working with them in the completion of this thesis, without their support and countless hours this research would have never been completed.

I would also like to thank Dr. Jackson for her patience, support, and guidance during my graduate studies and the development of this thesis. Dr. Jackson is one of the best professors and advisors that I have ever met.

Finally, I would like to thank Dr. Sedrick and Dr. Garrison for helping me to get through my Master's degree and especially through this final stage. I have really enjoyed the program of studies, and I think that the quality of the instructors that we have at UTSI is the best part of the graduate program.

ABSTRACT

At any manufacturing company across the world, management is making decisions about ideal stock levels in order to ensure that future demand will be satisfied. Those decisions are at the heart of a company's inventory policy. Because a successful inventory policy is vital for customer satisfaction, which leads to repeat business and sustained profits, it is important that such a policy is based on useful and valid information. When that stock is spare parts, the decisions become more difficult.

This research addresses this problem through the development of a methodology for improved decisions relative to spare-parts inventory management. This methodology involves filtering of data to ensure its accuracy and currency and selection of the most appropriate forecasting technique, based on the characteristics of the parts and their associated demand and inventory data. An information system is created to facilitate this process for the manager. The primary objective is to improve the management of spare-parts inventory with a systematic approach that provides effective results and is executed efficiently. The information system starts by filtering the data using a Pareto classification. Then, it identifies intermittency, trend, seasonality, and life cycle stage. Next, the model proceeds to select between nine forecasting methods, among which a best forecast is selected based upon accuracy, which in turn is checked for validity by comparison to a naïve forecast. Finally, the model uses the valid forecasts as inputs for the inventory models: re-order level and re-order cycle. A Microsoft Access database was programmed to automate these calculations.

Sales data provided by Cubic Transportation Systems, Inc. of Tullahoma, TN was used for internal validation. External validation was performed with the monthly series for the "Micro" category provided by the M3 competition published by the International Institute of Forecasters.

This information system provides a means for extending the current knowledge of forecasting and inventory management of spare parts inventory through criteria-based selection of appropriate forecasting methods based on data patterns. Its validity was confirmed through the application of the actual data provided by Cubic. Cubic's management also verified improved efficiency with the reduction of time needed to make forecasts for their spare parts inventory.

TABLE OF CONTENTS

Chapter Page

LIST OF TABLES

Table Page

LIST OF FIGURES

Figure Page

LIST OF SYMBOLS AND/OR ABBREVIATIONS

Symbol	Description
α	Smoothing constant for Holt Linear and Holt-Winters method
β	Smoothing constant for Holt-Winters method
γ	Smoothing constant for Holt-Winters method
μ_i	Mean of all data points for product "i"
σ_i	Standard Deviation for quantity ordered for part "i"
a	Calculated coefficient for linear regression
ACR	Approximation to Croston
AT	Annual total sales for product "i"
b	Calculated coefficient for linear regression
b_t	Trend component for the Holt linear and Holt-Winters method
C_m	Stocked item's unit value
C_o	Cost of one order
CR	Croston
CVi	Volatility for part "i"
D	Average demand per unit of time for inventory policy
d	Day
$D1_{pi}$	Order date for product "i", and order number "p"
$D2_{pi}$	Delivery date for product "i", and order number "p"
e_t	Error of the forecast
$F_{MA(t)}$	Forecast using Simple Moving Average for time "t"
Ft	Forecast in time t for general equations
F_{t+m}	Forecast for m periods ahead for Holt Linear and Holt-Winters method
$F_{WMA(t)}$	Forecast using Weighted Moving Average for time "t"
h	Counter for intermittent data analysis
H	Holts
HW	Holt-Winters
i	Annual holding interest rate

I(t)	Smoothed estimate of the mean interval between nonzero demands (Croston method)

Symbol	**Description**
IDt	Demand interval for intermittent data analysis
Lpi	Lead time for order p and part number "i"
LRD	Linear Regression for Deseasonalized Data
LS	Level of service for inventory policy
L_t	Level of the series for the Holt linear and Holt-Winters method
m	Month
M	Re-order level
MAD	Mean Absolute Deviation
MAPE	Mean Absolute Percentage Error
MCR	Modified Croston
MSE	Mean Square Error
MSE	Mean Squared error
n	Total number of products
N_{MA}	Number of periods to average for simple and weighted moving average
n_{MC}	Count of periods where demand exists for Modified Croston procedure
NOi	Total number of orders per part number
p	Order number for data preparation modules
$P"_o$	Inter-demand variable for Croston method
PNci	Aggregated part number
PNci	Aggregated part number
PNi	Part number for product "i"
PNo	Obsolete part numbers
PNx	Non spare part numbers
PRi	Price for part "i"
q	Time interval since the last nonzero demand (Croston method)
Q_o	Economic Order Quantity
Qpi	Quantity of the order p for part "i"
Q_t	Total demand per season per year

r_k	Autocorrelation coefficient
R_o	Review period for re-order cycle inventory policy
Symbol	**Description**
S	Maximum stock level for re-order cycle inventory policy
s	number of periods included in a season for the Holt-Winters method
S(t)	Smoothed estimate of the mean size of a nonzero demand (Croston method)
se	Number of seasons
SES	Single Exponential Smoothing
Sij	Seasonal index for season "j"
SMA	Simple Moving Average
sMAPE	Symmetrical Mean Absolute Percentage Error
S_t	Seasonal component for Holt-Winters method
ST_j	Season total sales for product "i" in season "j"
T_{IDt}	Total count of non-zero IDt for intermittent data analysis
Tn	Time period where the demand Xn happens for Modified Croston procedure
TS	Forecast tracking signal
TSC	Total annual stocking costs
TVi	Total value per part number
U	Theil's U-statistic
w	Week
WMA	Weigthed Moving Average
W_{MAi}	Weight for observations used in Weighted Moving Average procedure
x	Time period for linear regression
X(t)	Observed demand in period "t" (Croston method)
Xn	Measured demand quantity for Modified Croston procedure
y	Deseasonalized data in linear regression
y	Year
Y_t	Demand in period "t" for Simple, weighted Moving Average, and autocorrelation function
Z'_t	Quantity variable for Croston method

CHAPTER I

INTRODUCTION AND GENERAL INFORMATION

Introduction

Forecasting and inventory management is of great relevance to the engineering management profession. At any manufacturing company across the world, management has to decide every day about the ideal stock level in order to ensure that future demand is going to be satisfied.

A successful inventory policy is vital for customer satisfaction. And, without customer satisfaction it is impossible to sustain profit; this is because without enough inventory in stock to satisfy demand an organization cannot survive in the long term.

Success in terms of inventory policy is defined here as having the right levels of inventory to satisfy the demand at a minimum cost. Excess inventory is considered a liability and can also be very expensive. On the other hand, not enough stock can mean the loss of market share. An inventory policy must be able to provide two types of information: when to order, and how much to order to satisfy a minimum level of demand.

In the current economy, companies struggle to retain their customer base and to ensure their loyalty. If a product or spare part is required immediately and there is no stock at the moment of purchase, there is a big risk of losing the customer to the competition. Moreover, in this global market, the competition is just one click away.

When management is deciding upon these optimum levels of inventory, it is necessary to make an educated estimate of the future demand. This is known as forecasting. Lewis describes forecasting as: "... being a scientific process of estimating a future event by casting forward past data." (5)

Forecasting, however, is only a part of a successful inventory policy; the other part is management of the physical inventory. Leven and Segerstedt expressed the benefit of

combining forecasting and inventory management: “A forecasting module, which automatically updates safety stocks and reorder points, would in our opinion, decrease inventory levels and inventory shortages for most items with changing demands” (361). Thus, both forecasting and inventory management together are important in providing service quality, customer satisfaction, and profit.

In order to make an accurate and useful forecast, management needs data, including sales data. Raw sales data, however, has limited use. It must be manipulated in order to transform it into useful information that can be applied in order to develop knowledge for reducing the uncertainty in future decisions. A forecasting and inventory management system would provide the capability to not only capture the needed raw data, but to also reformat it so that it makes sense, analyze it for patterns and relationships, and then transform it into meaningful information that is provided to management as input to their decision-making processes.

This research is proposing such an information system to improve decision-making within an inventory policy for items with intermittent demand. The challenge of this type of demand is the lack of consistency, as experienced with spare parts. Spare parts are ordered only when a previously-purchased item has failed and cannot be repaired. Accurately forecasting demand for spare parts is critical for the survival of manufacturers that produce specialty items for unique applications. Such a manufacturer, Cubic Transportation Systems in Tullahoma, TN, provided the impetus for this research. Cubic manufactures automatic revenue collection devices and business & transit system fare boxes for toll stations; and spare parts are a major part of their sales. The specific objectives of this research to address the general problem of selecting the most effective forecasting approach and efficiently applying it as part of an inventory management system are described in the following section.

Objective of the Study

The primary objective of this research is to address the problem of creating an effective inventory policy for spare parts that provides managers with an efficient system to facilitate decision-making. Thus, both effectiveness and efficiency must be addressed.

The issues associated with effectiveness include the following:

1. Selection of pertinent inventory and sales data; and
2. Selection of the forecast method which is most suited for the item in question;

The issues associated with efficiency include the following:

1. Performance of the analysis of the data, given its characteristics; and
2. Performance of the selected forecast method.

The response to help managers address these issues is the creation of an information system, which has a demand categorization scheme, a mapping of the characterizations to the most appropriate forecasting technique, and the generation of a demand forecast.

Assumptions

The development of this information system is built upon certain assumptions. These assumptions capture characteristics of spare-part demand and forecasting of those demands. Specifically, they are:

- A spare part is defined as a component that is purchased from suppliers in order to replace faulty parts in higher order machinery. In this study, they are considered finished goods.
- Demand of spare parts is an independent variable that follows a normal distribution. For this study there is available 14 years of data, therefore there are more than 30 observations per each part number and normality can be assumed by using the central limit theorem.
- Lead-time is considered constant and it is bigger than zero.

Limitations and Constraints

The process of developing this information system is bound by certain limitations and constraints. The limitations are primarily due to availability of hardware and software; while the constraints are relative to the nature of the items, the inventory policies and procedures, and forecasting methods themselves. Specifically, they are:

- Only quantitative forecasting methods will be considered. According to Armstrong

quantitative methods have proven to be more accurate when management has enough data (373).

- Only products in the rapid growth and steady state stages of the life cycle are going to be analyzed.
- The forecasting horizon will be short to medium term (Min 1 month - Max 1 year)
- Only forecasting models for time series are going to be used in the model.
- The models will be limited to finished good products.
- No negative demands or stockouts are to be considered.
- Quantity discounts are to be ignored.
- This study is going to be limited to the study of inventory methodologies that solve the questions of how much to order and when to order. Other aspects of inventory management such as inspections, location, and monitoring of material are not going to be considered. Since this is a general study, it will focus in answering only those two general questions that can be generalized to several types of industry and products.
- Partial deliveries are not allowed for orders.
- Warehouse capacity and order limitations are ignored. For example, it is not going to be considered whether the organization has enough capital, personnel and resources necessary to place an order.
- This study is going to be limited to simple and basic forecasting models. The reason for this limitation is the intent of creating a system that managers can and will use. Also, literature supports that more complex models do not necessarily increase effectiveness of the forecasting results. For example, Makridakis explains: "There is strong evidence to show that complex or sophisticated forecasting models do not outperform the simple ones..." (66). A simple forecast model does not require high order calculations, and management can easily understand it. Additionally, the type of forecasting required to provide useful application for inventory control must be simple enough that it will be possible to create repetitive forecasts at a minimum cost. Hence, not only does simplicity positively affect effectiveness, but it also may increase economic efficiency.

Significance of this study to the Body of Knowledge

The need for this research has been stated in the literature by several authors. Armstrong expressed the need for research of this type in the area of forecasting: "Research that contributes to the development and refinement of guidelines for selection is always useful. Such findings can be easily applied to the selection of forecasting methods if the conditions are well defined." (383). Gardner added as well that there is a need in research for developing basic guidelines among time series forecasting (660). Boylan, Syntetos, and Karakostas point out: "There has been a considerable amount of research on classifying inventory and forecasting methods, but not on distinguishing between different demand patterns to guide forecasting and stock control". The authors insist that there is a need for more research in this subject (473). In addition to this, among the results of the M3 forecasting competition presented in the International Journal of Forecasting , Makidrakis and Hilbon identified future needs of : "exploiting the robustness of simple methods" and " the development of models that can help in the selection of a forecasting method based on sample criteria "(460).

The model presented in this study is designed to address these needs and to complement the current body of knowledge in the area of engineering management, by providing an efficient, step by step procedure to help management produce effective forecast and inventory models of spare parts. In a 1971 Harvard Business Review article by Chambers, Mullick and Smith, the authors explained the basic models of forecasting classified as qualitative, time series, and causal methods, and provided a small guide for selection based on typical applications, data required, cost and time to forecast. They also provided a general guide of which types of forecasts would be applicable depending on the stage of the life cycle of the product ("How to choose the right forecasting technique" 55-59). In the book that followed the Harvard Business Review article, Chambers, Mullick and Smith presented an statistical analysis of exploratory marketing data that can be used as a guideline to select between general types of quantitative and qualitative forecasting. Both the article and the book provide general background and guidelines for forecasting, neither specifically addresses the peculiarities of applying these to items with intermittent demands like spare parts.

Others provided approaches for selecting the most appropriate forecasting method. Bovas and Ledolter developed a conceptual framework of a forecasting system, which describes in general terms, the process of forecasting without getting into the detail of the selection and calculation of the actual models (4). Thus, they left much up to the training and experience of the manager. Armstrong presented a decision tree designed to help management in the selection between judgmental and quantitative general types of forecasts. The selection between the quantitative methods depends on whether management understands the relations within the data (cross-section or time series) and if large changes are expected or not. Management would follow this decision tree based upon common sense (376). Neither of these provide sufficient detail to facilitate the process for the manager; and although they might provide the identification of the most effective forecasting approach, the process does not appear to be an efficient use of the manager's time .

Hence, the decision systems and guidelines found in the literature both for forecasting and inventory management were deployed in a very general way, and do not provide a single step by step algorithm that can help management use available raw sales data to efficiently calculate accurate forecasts and effectively manage inventory with minimum user input. Additionally, there is software on the market, such as SAP that is designed to help management with these types of decisions, but the cost of this software may be too high for small companies – especially in the current economy.

The next chapter in this report provides a summary of the literature research that lays down the foundation for this research. Once the theoretical bases are covered, a description of the methodology used for the development of the information system is provided in Chapter III. A discussion of the results obtained during the internal and external validation is presented in Chapter IV. Finally, chapter V summarizes the conclussions and recommendations of this research.

CHAPTER II

LITERATURE REVIEW

Introduction

This research rests on the premise that decisions are only as good as the information upon which they are based. Thus, this chapter starts by describing the creation and use of information in decision-making, and continues with a discussion of the literature relevant to forecasting, in general, and forecasting techniques specific to items with unique demand patterns.

Information

There is a plethora of works in the literature about the value of information, especially about the value of sharing information in supply chains. Davenport and Prusak describe the most important concepts in this area. Their discussions provide the background of what information is and how it is used in developing knowledge.

Information has a life-cycle. It starts out as data, which is a group of discrete and objective facts. For example, sales records are considered data. When that data is processed and associated with an entity, it has added meaning and, therefore, value; that value-added data then becomes information. The authors describe different processes to transform data into information: contextualize, categorize, calculate, correct, and condense. In other words, once data is analyzed and the totality of the data hold a valuable meaning to management, then it is considered to be information.

When the user takes the information from the previous step and puts it into the context of the insights of the business, the end result is knowledge.. Several tools are described to transform information into knowledge: comparison, consequences, connections, and conversation or knowledge transfer.

Information is most valuable when it is interpreted by a person that understands the systems perspective of the organization, the connections and implications of this information, and how this can be used to improve the system as a whole.

Forecasting

Jain describes forecasting models in three categories: time series, cause-and-effect, and judgmental or qualitative (9).The first category (time series), assumes that the future will behave as the past. Among the techniques used are: Average (Simple, centered, weighted and moving average), exponential smoothing, decomposition, and ARIMA. The second category (cause-and-effect), are those models that try to explain relationships among external variables that can affect the forecast. Some of the techniques that follow this path are: regression (single and multiple), econometrics, and neural networks.

As mentioned before, qualitative forecasting methodologies are not going to be included in this study, and the main focus will be in the quantitative time series models. Armstrong supports the use of quantitative forecasts by suggesting that if historical data is available, quantitative forecasting techniques shall be preferred (374).

Initial Data Analysis

Before jumping into forecasting, the raw data has to be analyzed, Shedlawski points out: "…data should be broken down and analyzed to determine their markup, which consists of a base number, a trend, a seasonal factor, and randomness." (88-89). Following this lead, important concepts on initial data analysis are described below.

Pareto Classification

Pareto is a well-known methodology for classification of data; this is a way of filtering data of those products that are most important to control and analyze. There are three classifications in Pareto: Items "A", "B", and "C".

Lewis (71) describes this classification of products in the following way:

- "A" items: This group represents around 80% of the total monetary value but only 10-20% of the items.
- "B" items: 15-20% of the total monetary value and 20-30% of the total items.
- "C" items: This group has the most amount of items (50-70%), but they have only 5-10%

of the total monetary value.

Lewis recommends using this classification as a way to select the forecast methodology that is going to be used within the data set available (68). He continues to argue that items in the "C" classification would have to be submitted to consideration from management on whether to be forecasted or not. Since "C" items represent less than 10% of the total value of the products it might be more expensive to keep a formal forecasting method to control them.

It is also suggested as an alternative to keep overstock to warrantee an inventory on hand all the time. For this reason the model explained later on in the methodology chapter will not include any forecasting for "C" items. (75)

Finally, Lewis recommends using short-term forecasting methods for "B" type items. For "A" items, which have the biggest value for the company, those forecast with a highest accuracy are recommended, such as non-adaptive forecast models depending upon characteristics such as stationary, growth, and seasonality. Tracking signals are also recommended for forecasts applied to "A" items. (73-74).

Demand Patterns

The demand patterns that should be identified in any data set are: life cycle stage, trend, and seasonality.

Chambers et al. mention the following stages on a product development, which can be identified as the stages of the life cycle of the product: “Pre-product, product development, market testing and early introduction, rapid growth, steady state, and phasing out”. (“An Executive’s guide to Forecasting” 73).

This study will focus on the rapid growth and steady state stages of the life cycle of a product. The reason for this is that the set of data that was defined as the subject of interest for this study is composed of spare parts that will mostly be in those stages. Also, products in the stages between pre-product to early introduction have very few data available and forecasts are made primarily on a quantitative basis.

Products in the Phasing out stage are not as important as those in the previous stages, so they are not going to be considered in the analysis.

Lewis describes stationary demand as having "no growth or seasonality" (8). Important changes in the data behavior such as mean shift are considered step changes, this can be caused by changes in the inventory policy or the result of a new advertising campaign for example. This stationary demand is what is considered steady state, it will show no trend, in other words no continuous decrease or increase, but it might show seasonality.

Seasonality is observed when the demand patterns are affected by the time of the year when they occur. For example, some retail products will show an increase of demand in the winter and a decrease during the summer.

Chambers et al. developed a table of relations among products life cycle and forecasting techniques, the quantitative techniques that they identified as the best fit for the stages of a life cycle of a product are the following ("An Executive's guide to Forecasting" 73):

- Rapid Growth: Statistical techniques for identifying turning points, and tracking systems
- Steady State: Time series, causal and econometric models.

The autocorrelation coefficient (r_k) can be used to identify trends and seasonality within a data set; this can be calculated using the following formula (Makridakis, Wheelwright, and Hyndman 39):

$$r_k = \frac{\sum_{t=k+1}^{n} \left(Y_t - \overline{Y}\right)\left(Y_{t-k} - \overline{Y}\right)}{\sum_{t=1}^{n} \left(Y_t - \overline{Y}\right)^2} \qquad (1\text{-}1)$$

Where:

Y_t = Demand in month t

$\overline{Y}$ = Average demand

The result of the equation 1-1 is the autocorrelation of the dataset to itself at lag "k". If the data is purely random, the values obtained in this formula should not be significantly different from zero. Critical values are used to determine this significance and they are calculated by $\pm 1.96/\sqrt{n}$. The value of 1.96 is obtained of the normal table of probabilities, and it corresponds to a 95% degree of significance. Any values of r_k located above or below these critical values are considered items of concern, since they would not be white noise (Makridakis, Wheelwright, and Hyndman 317-318).

When values for r_k at lag 12, 6 or 4 are located outside the critical values, this indicates the presence of seasonality, since it represents a correlation of the data every twelve months, quarter or semester. Any other value of r_k outside the limits could be an indication of a trend in the data.

In this respect, Makridakis, Wheelwright, and Hyndman explain: "if the pattern is a consistent one, the autocorrelation coefficient at lag 12 months will have a high positive value indicating the existence of seasonality" (322)

Coefficient of Variation

Armstrong explains that a measure to indicate the volatility of a data series is the coefficient of variation, which can be calculated using the following formula:

$$CV(X) = \frac{100 * S}{\overline{X}} \qquad (1\text{-}2)$$

Where S is the standard deviation of the sample, and $\overline{X}$ is the sample mean (198). The author explains that this indicator is most useful when the data does not present seasonality or trend, and that different estimates have to be used for those cases.

Intermittent and Slow-Moving Demand

Leven and Segerstedt describe intermittent demand as data that has an inherent randomness with several periods showing no demand (362). This is an important characteristic to identify in

a set of data, since common forecasting techniques are not suitable for it.

The reason why the most common time series forecasting techniques cannot be used with intermittent data relies on the several periods of time where the demand is zero. These periods with zero demand will affect methods such as the moving average or the exponential smoothing creating a forecast much less accurate. Methods such as Croston and its variations have been developed to deal with intermittent data.

Intermittent demand can be recognized by following Syntetos' recommendation of the rule proposed by Johnston and Boylan where intermittence is defined as: "Mean inter demand interval is greater than 1.25 forecasts revision periods..." ("The Accuracy of Intermittent Demand Estimates" 305)

Hax and Candea describe intermittent demand as "lumpy" or showing periods with variable demand sized followed by periods with no demand at all. The authors also mention that another pattern that is frequently associated with intermittent demand is the so called "slow-moving" demand, in which the characteristic of a lumpy demand with periods of no observations can be seen, the difference in this case is that the demand in all cases is a low level demand (178-179).

Finally, Hax and Candea also explain that this type of pattern will present high level of noise, and therefore it is very difficult to identify the presence of any other type of pattern. Therefore, the authors suggest that there is not point in trying to identify seasonality and / or trends for slow-moving or intermittent demand (179).

Forecasting Techniques Review

In the words of Saffo: “The goal of forecasting is not to predict the future but to tell you what you need to know to take meaningful action in the present” (122). With these words in mind, the following sections will proceed to describe the most common forecasting techniques that would fit the set of data that this study is intended for.

As mentioned previously, only quantitative methods are going to be reviewed for the purpose of

this study.

Lewis categorizes forecasting by the time frame as: short-term for those up to 1 month, medium-term for up to 1 year, and long-term for forecasts up to one decade. He proceeds to suggest that for long-term forecasts qualitative techniques such as the Delphi methods should be used, and this makes sense since a forecast in such a distant future will certainly require management input and expertise.

For short term forecasting Lewis comments that they are usually built upon fast moving data that will average more than 20 per period and therefore the normality assumption is valid such as: "The forecasting models used when operating in such environment must be simple and relatively cheap to operate while still being robust." (6)

In this line of thought, this research is looking for a forecast that can help management in the decision-making and it is easy to understand and inexpensive to operate. A review the time-series and the causal forecasting methods available follow.

Time Series Methods

Time series decomposition models assumes that the data behaves based upon a pattern such as seasonality or trend, plus an error, which represents the randomness inherent due to the combined effect of patterns.

As its name hints, these methods separate first any trend or cycle effect from the data, and then remove any seasonality effect, being the remainder the random error.

Among the methods available that use a time series decomposition are the following: Moving averages (simple, centered, double and weighted), local regression smoothing, and Census Bureau methods.

1. Moving Averages

There are a variety of moving average methods; their purpose is to smooth the data, in order to

obtain a better idea of trends and cycles.

Using the simple moving averages approach, the user has to define a number of observations to average. As time goes on, older observations are discarded and not included in calculations; this reduces the amount of storage space required for the past data.

The more periods chosen for the average, the smoother will be the resulting curve. This can be both an ally and an enemy, since it can affect the sensitivity of the model to changes in the data.

Since the simple moving average requires an odd number of observations for the average calculations, there is a slight variation of it called the “Centered moving average”, which uses the same formulas but includes an even number of observations; this is particularly useful when the data is available quarterly.

If further smoothing is required, a double moving average can be applied, that is an average of the already calculated using the simple or centered methods explained before.

A much more sophisticated version of the averaging methods is the weighted moving averages that approximates to the principle of exponential smoothing. In this case, a weight is given to the values in order to assign less importance to distant values and more to the recent ones.

Since moving averages work under the assumption that the data series have a trend or a cycle on it, any of these methodologies would be applicable in this case of study. Chambers et al. points out that this method can be used in “production planning and inventory control for low-volume items” (“An executive guide to Forecasting” 52).

2. Linear Regression

Linear regression can be used in several cases, data that show seasonality and no trend, and also data that shows only trend would be a good fit for a linear regression. According to Gaither and Frazier this method simply tries to predict the value of the demand in function to another variable, which could be time (69). Therefore, this model can apply to time-series and to causal relations forecasting.

The objective is to build an equation as the following:

$$F = a + bx \tag{1-3}$$

Where F is the forecasted value. Gaither and Frazier show the following formulas to calculate the values of "a" and "b" (70):

$$a = \frac{\sum x^2 \sum y - \sum x \sum xy}{n\sum x^2 - \left(\sum x\right)^2} \tag{1-4}$$

$$b = \frac{n\sum xy - \sum x \sum y}{n\sum x^2 - \left(\sum x\right)^2} \tag{1-5}$$

In case that seasonality is present in the data, the procedure is to calculate seasonal indexes. The following formula can be used in that case:

$$SI_j = \frac{ST_j}{AT} \tag{1-6}$$

Where ST_j is the Season total sales for product "i" in season "j" and AT is the Annual total sales for product "i". Once this index is calculated, all the values in the data set are deseasonalized, using the equation:

$$y = \frac{Q_t}{SI_j} \tag{1-7}$$

Finally, after the season's effects have been removed by the factor, the equation 1-8 is used to

calculate the forecast. The forecasted values are then returned its seasonal effects by multiplying by the seasonal index:

$$F * SI_j \quad (1\text{-}8)$$

3. Exponential Smoothing

Exponential smoothing techniques are the evolution of the moving averages models. In this case an increased weight is given to recent values; likewise, older values get a smaller weight, and therefore the influence of older values is decreased.

Due to the conditions of the business this research is trying to forecast and the amount of data available, it seems reasonable that less weight is given to old observations, the characteristics of the market ten years ago are no representative of the present or the future.

Armstrong describes exponential smoothing as recommended for short term forecast, while in the case of long term is recommended the use of the regression models described later on (248).

Within the literature available there are cases where it is mentioned that the exponential smoothing techniques can be used in demand that would even have patterns such as intermittency. As an example of this, Willemain et al mention that: “In practice, the standard method of forecasting intermittent demand is single exponential smoothing…” (529)

On the other hand, E. Leven and A. Segerstedt pointed out an important finding by Croston that contradicts the previous statement: "The exponential smoothing technique was proved to be inappropriate for use on intermittent demand" (362). Therefore, this forecasting method will not be recommended for demand that shows an intermittent pattern.

There are different types of exponential smoothing methods; the most important are described in the following sections.

3.1 Single Exponential Smoothing

The Single exponential smoothing model uses an estimated parameter: α, which has possible values ranging from 0 to 1. Alpha (α) represents the impact or weight of the difference among the previous observation real value and the forecast, so it compensates for errors in the estimation.

The equation 1-9 is used to calculate the forecast (F_{t+1}). This model is initialized by making $F_1=Y_1$.

$$F_{t+1} = F_t + \alpha(Y_t - F_t) \qquad (1\text{-}9)$$

The bigger the value of alpha the less smoothing occurs, and the more adjustment is made in the following forecast value due to the error in the previous one. Croston suggests that the value of α should be "of the order of 0.1-0.2" (290).

Several iterations until the forecast error is minimized permit a good selection of the value of alpha; indicators such as the Mean Square Error (MSE) can be used for this purpose.

According to Makridakis, Wheelwright, and Hyndman another positive aspect of this model is that very little space is required for storage of data, since previous forecast do not need to be kept, and this facilitates computations as well (“Forecasting Methods” 149).

As far as where this forecast can be used, Lewis explains that this forecast method is not good for those cases where the data presented has signs of growth (32).

Hax and Candea discuss that the simple exponential smoothing methods are sometimes used in the cases of slow-moving or intermittent demand, although this is known to be less accurate. The authors explain that the methodology does not change in those cases, but very small values of alpha should be between 0.01 and 0.05 (179).

3.2 Holt’s Linear Method

Holt's introduces linearity in order to handle trends. Once again, parameters such as α and β are present with possible values among 0 and 1; where the values selected will affect how smooth the forecast becomes. When α equals β the model is called "double exponential smoothing".

Additional user input is required for the initial forecast, where values for the level of the series (L1) and the slope (b1) have to be estimated. In addition, these values can be initialized by using the following formulas:

$$b_1 = Y_2 - Y_1 \tag{1-10}$$

$$L_1 = Y_1 \tag{1-11}$$

Once the process is initialized, the forecast can be calculated:

$$L_t = \alpha Y_t + (1-\alpha)(L_{t-1} + b_{t-1}) \tag{1-12}$$

$$b_t = \beta(L_t - L_{t-1}) + (1-\beta)b_{t-1} \tag{1-13}$$

$$F_{t+m} = L_t + b_t m \tag{1-14}$$

The inclusion of the parameter β helps to reduce the randomness, and to smooth the trend in the data.

3.3 Holt-Winters

Holt-Winters is a variation of the Holt's linear method. Lewis explains that this method is used for situations of seasonality and growth (49).

According to Makridakis, Wheelwright and Hyndman, this model calculate a forecast based upon level (L_t), trend (b_t), and seasonality (S_t) (165). This process is initialized using the formulas 1-15 to 17:

$$L_s = \frac{1}{s}\left(Y_1 + Y_2 + \ldots + Y_s\right) \tag{1-15}$$

$$b_s = \frac{1}{s}\left[\frac{Y_{s+1} - Y_1}{s} + \frac{Y_{s+2} - 2_1}{s} + \ldots + \frac{Y_{s+s} - Y_s}{s}\right] \tag{1-16}$$

$$S_1 = \frac{Y_1}{L_s}, S_2 = \frac{Y2}{L_s}, \ldots, S_s = \frac{Ys}{L_s} \tag{1-17}$$

Once these initial values have been obtained, the calculations proceed as follows:

$$L_t = \alpha\frac{Y_t}{S_{t-s}} + (1-\alpha)(L_{t-1} + b_{t-1}) \tag{1-18}$$

$$b_t = \beta(L_t - L_{t-1}) + (1-\beta)b_{t-1} \tag{1-19}$$

$$S_t = \gamma\frac{Y_t}{L_t} + (1-\gamma)S_{t-s} \tag{1-20}$$

$$F_{t+m} = (L_t + b_t m)S_{t-s+m} \tag{1-21}$$

4. Croston

Croston introduced in 1972 and alternative to the exponential smoothing methods for those data series with intermittent behavior. According to Leven and Segerstedt: “The Croston forecasting method is theoretically more accurate than ordinary exponential smoothing for slow-moving items” (361)

Willemain et al. explained that the assumptions for this method are that demand size and intervals between demands are independent and normally distributed ("Forecasting intermittent demand in manufacturing" 532).

The main concept in Croston's method is that the demand and the interval between demands are treated separately; exponential smoothing forecasts are created for each one of these

values once a new demand different than zero is presented. In the case that the data show no zero values, the Croston method provides identical results to those of the exponential smoothing.

Willemain Smart, and Schwarz describe the initialization process as "we initialize Croston's method using the time until the first event and the size of the first event." ("A new approach to forecasting intermittent demand for service parts inventories" 379).

The forecasting process described by Willemain et al as (533). The calculations are performed depending on the value of the actual demand (Y_t).

For Y_t=0 (No demand in period "t")

$$Z''_t = Z''_{t-1} \quad (1\text{-}22)$$

$$P''_t = P''_{t-1} \quad (1\text{-}23)$$

$$q = q + 1 \quad (1\text{-}24)$$

For any other case:

$$Z''_t = Z''_{t-1} + \alpha^*(Y_t - Z''_{t-1}) \quad (1\text{-}25)$$

$$P''_t = P''_{t-1} + \alpha^*(q - P''_{t=1}) \quad (1\text{-}26)$$

$$q=1$$

$$Y''_t = Z''_t / P''_t \quad (1\text{-}27)$$

Where Y''_t is an estimate of the mean of the demand per period. The variance of this estimate can be calculated using the equation 1-28:

$$V\{Y''_t\} = \left[\frac{\alpha}{(2-\alpha)}\right]\left[(P-1)^2\frac{\mu^2}{P^2} + \frac{\sigma^2}{P^2}\right] \quad (1\text{-}28)$$

It was mentioned that this method assumes mainly independence of the demand size and the

inter-demand intervals and normality. Willemain et al. performed a study where both of these assumptions were intentionally broken, the study compared Croston with Exponential Smoothing in real data from four manufacturing companies, and it was also compared using a Monte Carlo simulation. In all cases, Croston outperformed Exponential Smoothing and showed to be a more accurate forecast. This study used Exponential Smoothing for comparison, since it is common in industry to use this method as default for intermittent demand ("Forecasting intermittent demand in manufacturing" 537 - 538).

Gardner mentions a research effort by Synthetos and Boylan, where they identified a possibility for the Croston method to be biased; they developed a corrected version of the forecast formula to try to correct this bias (656). From now on, this method will be referred to as the "Approximation to Croston":

$$Y_t^{"} = \left(1 - \frac{\alpha}{2}\right)\left(\frac{Z_t^{"}}{P_t^{"}}\right) \qquad (1\text{-}29)$$

Levén and Segerstedt mention that in the case of Croston, the forecast is only updated every time a demand different than zero happens and "not when the forecast time interval has passed like ordinary exponential smoothing" (362).

5. Modified Croston

Levén and Segerstedt proposed this method in 2004. Instead of assuming a normal distribution, this procedure uses the Erlang distribution, which is a variation of the gamma distribution.

The authors explain that the reasoning for using the Erlang distribution is that is better fitted for intermittent demand, since it is defined for non-negative values and will allow non-symmetry within the data.

After Croston method was developed several alternatives were created. Boylan and Syntetos

("On the bias of intermittent demand estimates" 2001) discovered a bias in the Croston procedure that can lead to lower than expected performance. One of those alternative methods is the one presented in this section.

Leven and Segerstedt concluded in their study that this method would outperform the exponential smoothing forecast that is commonly used in these cases (366).

The formulas 1-30 and 1-31 are used in this method, where $\hat{d}_n^{MC}$ is the forecasted demand rate.

$$\hat{d}_n^{MC} = \hat{d}_{n-1}^{MC} + \alpha * \left(\frac{X_n}{T_n - T_{n-1}} - \hat{d}_{n-1}^{MC} \right) \quad (1\text{-}30)$$

$$\hat{dVar}_n = \hat{dVar}_{n-1} + \beta \left(\frac{\left(X - (T_n - T_{n-1}) \hat{d}_{n-1} \right)^2}{T_n - T_{n-1}} - \hat{dVar}_{n-1} \right) \quad (1\text{-}31)$$

Where:
Tn is the time point for the demand
The variables α and β are smoothing constants that can hold values between 0 and 1

As in Croston, this method updates the forecast only when a demand different than zero is observed.

Cause-and-effect Methods

1. Simple Regression

This model has the necessary tools to analyze the influence of external factors in the forecasts as it tries to explain relationships between two variables.

The simple regression model is described by the following equation, where the mean of Y_i behaves as a linear function dependent on X_i (regressor):

$$Y_i = \alpha + \beta X_i + \varepsilon_i \qquad (1\text{-}32)$$

Parameters α and β (regression coefficients) can be calculated. The error (ε) is assumed to de independent, and to behave following a normal distribution.
It is often useful to plot the residual errors (ε_i) against X_i, as a way to cross check that there is no obvious relationship among them.

Montgomery and Runger indicates that the regresor variable chosen (X_i) should be in the same range as the original data, in order for this model to have validity, “as we move beyond the values of x for which the data were colleted, we become less certain of the validity of the assumed model” (394). This does not mean that simple regression is of no use in forecasting, it only means that it is important to take forecasts with caution; bearing in mind that the variable selected might not behave in the future in the same way as it did in the past.

An important measure that has to be calculated when using the regression models is the correlation coefficient (r), which gives a mathematical approach to determine if two variables are truly related to each other.

The correlation coefficient can have values from -1 to 1, and the closest the value is to zero indicates a very weak or none relationship among the two variables, a value of 1 indicates a perfect relationship and a value of -1 indicates an inverse strong relationship, meaning that when X is big, Y is small.

This important coefficient is calculated following the procedure:

$$\bar{X} = (1/n) \sum X_i \qquad (1\text{-}33)$$

$$\bar{Y} = (1/n) \sum Y_i \qquad (1\text{-}34)$$

$$Cov_{xy} = (1/(n-1)) \Sigma (X_i - \bar{X}) (Y_i - \bar{Y}) \quad (1\text{-}35)$$

$$S_x^2 = COV_{xx} = (1/(n-1)) \Sigma (X_i - \bar{X})^2 \quad (1\text{-}36)$$

$$S_y^2 = COV_{yy} = (1/(n-1)) \Sigma (Y_i - \bar{Y})^2 \quad (1\text{-}37)$$

$$R_{xy} = Cov_{xy} / (S_x S_y) \quad (1\text{-}38)$$

An important weakness of the coefficient of correlation is the assumption of a linear relationship among the variables; thus, it will not be able to show a truly strong relationship when the variables are related otherwise. In addition, it can be unstable when there is not much data available, and become quite sensitive to extreme outliers.

Armstrong explains that the coefficient of correlation is not valid for time-series forecasts, and it should not be used to measure the accuracy of the forecast since it is not sensitive to bias in the forecasts (457).

The next step is the coefficient of determination, which tries to relate the explained and unexplained errors in the forecasting, it is calculated by the following formula:

$$R^2 = \Sigma(\hat{Y}_i - \bar{Y})^2 / \Sigma (Y_i - \bar{Y})^2 \quad (1\text{-}39)$$

2. Multiple Regression

In multiple regressions it is possible to relate the forecast to several variables. In a lot of cases, sales are not affected by only one variable; the question is how to identify those influencing variables. A simple way of representing this model would be:

$$Y = b_o + b_1X_1 + b_2X_2 + \ldots\ldots + b_nX_n + e \quad (1\text{-}40)$$

Where X_n are the regressor variables, and the parameters b_n represent the measure of change

in Y by unit change of X_n

The error (e) cannot be explained or related to any of the other variables, and once again it is assumed that it is independent, and that it behaves following a normal distribution, and not correlated to the variables X_n. If the residual errors do not have the same variance through, then this model cannot be applied; therefore, a multiplicative trend or seasonality will not be a good set of data to use this model.

In the same way as with linear regression, plots of the residual error against the variables and/or the estimated values, can give a good indication if there is an inherent relationship among them.

Specialized software can be used to find the value of the coefficients. The procedure usually involves the least square method to find the coefficients that would minimize the square of the errors; being the errors the difference from the real to the forecasted value.

A coefficient of determination, and a multiple correlation coefficient can be as well calculated in this case to have a better idea if the variables have a strong relationship or not.

Multiple regression forecasts are not included in this model since the amount of data available (24,063 part numbers) would make it almost impossible to analyze and verify causal relations for individual products.

Measures of Forecast Accuracy

There are several tools that can be used to measure forecast accuracy, this is done in order to determine the fitness of the model selected, and to compare different techniques. Brown indicates that a forecast is accurate if "...the decisions based on it lead to desirable results: good service to customers and low inventories."(3).

It is important to mention that an accuracy indicator should come along any forecasted value. The fact that a model shows a good fit for the data does not provide any certainty that will do in the future. This is due to the variability of the market. The relationships among the variables can change over time, sales can be influenced by new factors, new technologies can be

introduced, and the life cycle of products can change, and so on. Several different approaches to measure forecast accuracy follow:

Mean Error (ME)

The Mean Error is an average of the errors for each period. Being an error defined as the difference between the actual value and the forecast. The mean error will not be recommended in this case, since positive and negative errors can be eliminated among themselves.

$$ME = \frac{1}{n}\sum e_t \qquad (1\text{-}41)$$

Mean Absolute Error (MAE)

MAE differs from ME as it is the average of the absolute value of the errors, making this more representative than ME.

$$MAE = \frac{1}{n}\sum |e_t| \qquad (1\text{-}42)$$

Mean Squared Error (MSE)

MSE uses the same concept as the previous measures of accuracy, as it is an average of the square errors. This makes this indicator easier to interpret, and to use in statistical optimization.

The advantage of using MSE is that errors of great magnitude will contribute in a bigger degree after being squared; therefore, MSE is a more sensitive instrument to measure accuracy.

$$MSE = \frac{1}{n}\sum_{t=1}^{n}\left(Y_t - F_t\right)^2 \qquad (1\text{-}43)$$

MSE is often used to optimize the values of smoothing constants, such as α in exponential smoothing. In those cases, several iterations of forecasting are performed with different levels of the smoothing constant, choosing the one that minimizes the

MSE.

Mean Absolute Percentage Error (MAPE)

Both MSE and MAE cannot be used to compare different time intervals. MAPE is calculated by averaging the absolute value of the relative percentage error. This is not very appropriate when the values are very close to zero.

$$MAPE = \frac{1}{n}\sum_{t=1}^{n}\left|\left(\frac{Y_t - F_t}{Y_t}\right)*100\right| \qquad (1\text{-}44)$$

Where:

Y_t = Actual value for time t

F_t= Forecast value for time t

Lewis comments on how to evaluate the results obtained from MAPE: "MAPE 10% - forecasts potentially very good MAPE 20% - forecasts potentially good MAPE 30% - forecasts potentially reasonable MAPE > 30% - forecasts potentially inaccurate" (28).

Symmetric Mean Absolute Percentage Error (sMAPE)

The symmetric MAPE uses a similar concept as MAPE, the formula has a slight variation in order to reduce the sensitivity to values of actual demand close to zero. The sMAPE is calculated using the following formula:

$$sMAPE = \frac{1}{n}\sum_{t=1}^{n}\frac{|Y_t - F_t|}{(Y_t + F_t)/2}*100 \qquad (1\text{-}45)$$

Where:

Y_t = Actual value for time t

F_t= Forecast value for time t

Naïve Forecast

The naïve forecast is simply used as a comparison against a complicated forecasting model. In

this case, the forecast is done by assuming that the value for the next period is the same as the last. Once this is done, then indicators such a MSE and MAPE are used to compare. The naïve forecast is a very basic tool for comparing a forecast with a very simple approach.

If the naïve forecast provides a good accuracy, then there is no need for an elaborated model to be applied. Following are approaches for determing whether the naïve forecast is sufficient.

Theil's U-Statistic

Developed by Theil, the U-statistic as a way to compare if the forecasting method selected outperforms the naïve forecast.

An U-Statistic of value "1" indicates that both methods compared are equally good, a value smaller than 1 indicates that the forecasting method is better than the naïve; otherwise, a value smaller than 1, indicates that there is no necessity of using a formal forecasting method, since the naïve method is good enough.

An explained by Makridakis ("Forecasting Methods" 49), the formula for the U-statistics is the following, which includes the forecast and the actual relative change:

$$U = \sqrt{\frac{\sum_{t=1}^{n-1}\left(\frac{F_{t+1} - Y_{t+1}}{Y_t}\right)^2}{\sum_{t=1}^{n-1}\left(\frac{Y_{t+1} - Y_t}{Y_t}\right)^2}} \qquad (1\text{-}46)$$

Prediction Intervals:

The prediction intervals are calculated using the following formula:

$$F_{n+1} \pm Z\sqrt{MSE} \qquad (1\text{-}47)$$

The value of Z is determined by the user, depending in the confidence interval, it can be obtained from the normal probability distribution table, for example for a 95% confidence

interval Z would be equal to 1.96.

Makridakis, Wheelwright, and Hyndman explain that the formula for prediction intervals expressed above works under the assumption that the errors of the forecast have a normal distribution with a mean of zero (52).

Tracking Signal

Gaither and Frazier describe a "tracking signal" indicator that can be used in order to monitor performance of a forecasting method over time, this is done by setting upper and lower limits in which the performance of the forecast would be acceptable (95). The tracking signal is defined as:

Tracking signal = Algebraic sum of errors over n periods / Mean absolute deviation over n period

$$TS = \frac{\sum_{t=1}^{n}(Y_t - D_t)}{\frac{\sum_{t=1}^{n}|Y_t - D_t|}{n}} \qquad (1\text{-}48)$$

A tracking signal of a value equal to zero indicates a perfect performance, an increase in the value indicates that the forecast needs to be increased, and vise versa. Tables are developed to determine flag points that can give more detailed information in how to modify the forecast.

A final note on forecast accuracy is provided by Makridakis, who expresses that the average of several forecasting methods can also be used (67). The author explains, that if there is more than one valid forecast, the results can averaged, and the resulting forecast has shown an improved accuracy in some instances. The idea of averaging different valid forecasts makes sense, since it would provide a more stable result, and it would compensate for deficiencies in individual forecasts.

INVENTORY MANAGEMENT

Lewis explains that inventory management is the science of trying to control the amount of products available in stock. An inventory management system answers two basic questions: when to order new stock and how much to order (17-18).

Aft explains that inventory helps to compensate for errors in the forecasts (136). This is an interesting point, since it was mentioned that every forecast is wrong. And, depending upon the variability of the demand, it would be more difficult to predict the future.

This would lead organizations to believe that in order to compensate for variations in the market and errors in the forecast they should ensure high levels of inventory. In this respect Plossl mentions that "Inventory is a liability; less is better" (xiii). So, the objective is to find the optimum levels of inventory that will ensure service levels and minimum costs.

On the topic of how to select an appropriate inventory policy Aft points out that "The inventory control method used has to be correlated to the company's inventory philosophy" (159). He refers to inventory philosophy as to which has more priority for the organization, finances (an excess of inventory will be working capital tied up), how easy is the storage of the inventory and what is the service level desired; for example is the inventory perishable?, is the customer expecting a lead time of one day before receiving the part ordered?.

The objective is to ensure an agreed service level. The service level is established by how much risk is the company willing to take in case of a stock out.

Types of Inventory

Render and Heizer (306-307) explain that there are four different types of inventory:

1. Raw material inventory: In a manufacturing company, this is the inventory that holds those products that have been purchased and stored, but they have not been processed yet into an end product that can be delivered to the customer.

2. Work-in-Process inventory (WIP): This type of inventory holds up those materials that have been purchased and have started the transformation process, but still need some time before they are ready for the customer. This type of inventory is also called pipeline stocks.

3. Maintenance / Repair / Operating supply (MRO) inventory: This inventory is maintained so that enough supplies are available in case of a machine failure, and it is used for repairs with minimum disruptions to the production system.

4. Finished goods inventory: This is the inventory of all the products that have completed their processing stage and are ready in stock for customer purchase. This research is focused on this type of inventory.

Classification of Inventory Systems

According to Hax and Candea, inventory systems can be classified according to its complexity and the elements present within (127). The classification suggested by the authors is explained below:

Pure Inventory Systems

In the case of pure inventory systems, individual products are ordered separately, inventory policies decisions are made for each product independently, and each product will have a policy with a specific order point and quantity. These inventory systems are used in simple manufacturing processes with large capacities, for finished goods in relatively simpler environments where products are purchased. This document is focused in pure inventory systems.

Production-Inventory Systems

This inventories are much more complex than the pure inventory systems. In this situation the organization will manufacture the products instead of purchasing them. Therefore an inventory policy for each item is not appropriate. Further considerations have to be taken into account here, such as priorities for production, and physical plan

limitations

Distribution-inventory and Production-Distribution-Inventory

Distribution is added in these systems, to symbolize the situations where the organization has as well to take into account the process of allocating or distributing inventory from vendors, and to warehouses for example. In general, there are two types of response to these situations. "Push Systems" in which the organization decides in a centralized manner how the production is going to be allocated through its network. And, the second one is called "Pull Systems", where the warehouses will generate orders to allocate the products according to the demand.

Inventory Costs

Hax and Candea, explain that inventory policies exists with the main purpose of keep the costs of having inventory at a minimum (130). In other words, the objective is to keep the customer satisfied by ensuring a service level and to still be able to control the costs associated with it. An unlimited inventory of all products would maintain a 100% level of service, but the costs of doing this would be too much of a burden for any company. Hax and Candea (130-131) describe the following costs associated with inventory policies:

Procurement

Procurement costs include two mayor components: the price that has to be paid to the suppliers in exchange of the products, and the administrative costs associated with placing an order. The administrative costs usually associated in this category, are documents, systems for placing the order and tracking (such as SAP), salaries of purchaser and other administrative personnel.

The authors also mention that it is important to remember that in some cases it is important to divide the products in two segments: those which prices are changed by quantity (quantity discount), and those which price is constant regardless of the quantity. The authors offer that to consider the price per unit constant regardless of the quantity is common practice in research, and that in most cases it is an acceptable practice that has to be minded as an approximation.

Costs associated with the existence of inventory

In order to keep inventories in stock, the company has to invest capital that otherwise would have been invested in other venues. Cost associated with the existence in inventory are all of those expenses such as the taxes on the property, warehouse maintenance and / or rent, insurance, equipment and personnel dedicated to storage and handling, etc.

Also included here is the savage value of the inventory. In some cases, once a season is over some products cannot be sold anymore, and then the savage value is the difference to the price paid for the product to the amount of money that can be obtained by disposing of it. In the case of items that have to be stored in wait for the next season, the cost of keeping those items until they are sold next year would be considered as savage value.

The costs associated with the existence of inventory per item do vary with quantity. Hax and Candea express the annual inventory carrying cost per item using the following formula:

$$H = rC \qquad (1\text{-}49)$$

Where "r" is the "percentage of the unit cost of the item to be charged as inventory holding cost" (132), and "C" is the cost per unit.

Costs associated with stock outs

Stock outs are those situations when the customer orders a product and the company do not have that product in stock. Hax and Candea present the following scenarios that would produce costs considered associated with stock outs:

- A special or expedited order to reduce the time the customer has to wait for the product. These special orders are usually more expensive, with higher prices by the

suppliers and higher administrative costs (e.g. overtime)

- Backorders are place, and the customer receives the product at a later time. In this case, the costs are more difficult to measure, since it might represent the loss of future business, and the loss of the company's reputation.
- Lost profit, the customer does not want to wait for an expedited order.
- Additional costs related to the failure to meet contractual obligations with the customer.

Hax and Candea quote Holt et al. to describe how these costs can be quantified in the following way: "proportional to either the number of units out of stock, to the maximum duration of the shortage, or to the product of the number of units times the duration of the stock out " (132)

Order Points, Safety Stock, and Service Level

Plossl defines order point as the addition of two main components: the forecasted demand for the period being analyzed plus a safety stock (100). The author explains that calculating an appropriate reserve stock level is quite a tricky task. An excess of reserve of safety stock is obviously costly. And, the decision of how big or small this level should be depends on how confident the company is with the forecasted demand, the variability of the lead-time and the service level desired. It is important to mention as well that the order point has to be evaluated periodically to make sure that it is still applicable to the conditions of the company and the market. Plossl defines the service level as "the percentage of replenishment periods during which demand should not exceed the order point quantity"(110).

Demand patterns

The first important thing to determine is whether the demand is dependent or independent of external factors. For example, the demand for a particular product packaging will depend directly upon the demand of the actual product. An independent demand is observed in a product which is not significantly influenced by other products / parts. This study focuses on independent demand.

The type of demand distribution will affect the decision of where to set the safety margin. If the demand distribution can be assumed to be normal, then the safety factor can be set using the

normal curve. For example, to set a 98% service level it would be necessary to have a safety stock of 2σ, where "σ" is the standard deviation. Plossl mentions that σ can be calculated as 1.25 time the Mean Absolute Deviation (MAD) calculated between the actual demand and the forecast (106).

Demand patterns such as trends or seasonality are also important to be considered. This research considers a set of data as having a trend when it is observed a continuous increase or decreased in the observations through time.

As mentioned before, seasonality is observed when the demand patterns are affected by the time of the year when they occur. For example, some retail products will show an increase of demand in the winter and a decrease during the summer.

Aft quotes Ploss and Wright on how seasonality may affect the selection of the inventory policy: " ...many seasonal items would be produced in one lot during the year. The question of what lot to run next involves comparing labor vs. material costs for all items... so that the items with the highest ratio of labor to material will be run farthest in advance of the selling season" (193)

Ultimately, it is important to identify trends and seasonality because they affect the forecasting method used to predict future demand, and this affects the inventory methodology selection and final results.

Economic Order Quantity

The key questions are how much to order and when should they be ordered. The first question is answered by calculating the optimal number of units. This is called the Economic Order Quantity. According to Axsäter, the Economic Order Quantity model has the following assumptions/ constraints (52):

- Constant demand and ordering / holding costs.
- Each order is delivered on its entirety.
- Shortages are not permitted

Plossl explains that the EOQ concept applies in those cases where the products are purchased or not produced all the time, and each time the products are acquired in quantities or lots. The author also mentions that this concepts is suited for cases where sales are below production and to have inventory accumulated is common for the organization (35)

Plossl also points out that the EOQ formulas assume that "the amount of inventory carried is a direct result of the number of orders placed" (58). The most basic EOQ equation follows:

$$EOQ = \sqrt{\frac{2AS}{I}} \qquad (1\text{-}50)$$

This equation is presented by Plossl (39), where:
A= Annual usage (currency value)
S= Ordering cost
I= Inventory carrying cost (fraction per dollar of inventory in average)

According to Gaither and Frazier this model does not include safety stock (547). Plossl indicates that regular EOQ formulas do not apply in cases where the demand has a seasonality pattern within. This is because in those cases the company would be better by having an "anticipation inventory" to the season's sale (59)

Inventory Policies

Re-order level inventory policy (Continuous Review)
The re-order level inventory policy assumes that it is possible to have constant control over the inventory levels; it assumes that it is possible to monitor constantly the amount of product in inventory.

The following formula explained by Lewis (86) calculates the maximum demand (M) during lead-time (L) and it is used as the re-order level:

$$M = \overline{D} * L + u_{LS}\sigma_d\sqrt{L} \qquad (1\text{-}51)$$

Where:

- u_{LS} is the Z value in the normal table that corresponds to the service level agreed.
- -D is the average demand obtained from the forecast
- σ_d is the standard deviation of the demand. As it was mentioned before, this can be calculated by 1.25*MAD.
- -L is the Lead-time. Note that the demand forecasted must be for a period of time equal to the lead time, if it is not a factor has to be applied, this is explained later on.

Lewis explains that normality can be assumed in the case that a demand bigger or equal than twenty units per period of time is observed (85).

Now, the question remains as to how much to order once the re-order level has been reached. One of the variations of the economic order quantity is used here, and the formula to calculate this follows:

$$Q_o = \sqrt{\frac{2AC_o}{iC_m}} \qquad (1\text{-}52)$$

Where A is the annual demand, C_o is the cost of one order, "i" is the interest rate, and C_m is the unit's value.

Basically, this model works as follows:

1. Inventory levels are checked constantly
2. When to order: When inventory levels have reached "M" (maximum demand during lead time). Another variation of this is to use the formula for the order point mentioned before, using the forecasted demand plus a safety stock that is calculated using a service level and the Mean Absolute Deviation (MAD) of the forecast.
3. How much to order: the amount calculated using formula (1-52) for Q_o

The total annual stocking cost (TSC) for this inventory policy can be calculated with the following formula:

$$TSC = \left(\left(\frac{Q_o}{2}\right) * i * C_m\right) + \left(\left(\frac{A}{Q_o}\right) * C_o\right) \quad (1\text{-}53)$$

Re-order cycle inventory policy (Periodic Review)

The re-order cycle inventory policy is preferred in those cases when it is not viable to keep constant control on the inventory levels. This policy sets a period of time to check the amount of product in inventory (R_o), and a maximum stock level (S).

Once the review period R_o arrives, the inventory levels are checked, and an order is placed for the difference between the maximum stock level and the current stock level.

Lewis (120) shows the equations 1-54 and 1-55 for those calculations:

$$R_o = \frac{12}{\sqrt{\frac{AiC_m}{2C_o}}} \quad (1\text{-}54)$$

$$S = \overline{D}(R + L) + u_{SL}\sigma_d\sqrt{(R + L)} \quad (1\text{-}55)$$

Gaither and Frazier point out that in the case of this method management should consider higher safety stock than normal. Since the review of the inventory levels is not performed all the time then the probability of a stock out arriving without warning is higher and therefore a little extra precaution should be included here (559).

The total annual stocking cost (TSC) for this inventory policy can be calculated with the following formula:

$$TSC = \left(\left(\frac{A * \left(\frac{R_o}{12}\right)}{2}\right) * i * C_m\right) + \left(\frac{C_o}{\frac{R_o}{12}}\right) \quad (1\text{-}56)$$

Special Cases

When Forecast intervals are different from Lead Time

In these cases, the order point can be adjusted. It was mentioned before that the order point in a fixed order-quantity inventory policy is the forecast during the lead-time plus the reserve stock.

If the demand is independent and approximately normal, the reserve stock can be calculated by multiplying the Mean Absolute Deviation (MAD) of the forecast times a factor that will depend on the level of service agreed upon.

This factor can be calculated by multiplying Z by 1.25, the factor Z is obtained from the normal curves using the service level desired.

In the case that the forecasted period differs from the lead time, the MAD used for the calculations of the reserve stock have to be adjusted by using the following formula provided by Plossl (112):

$$AdjustedMAD = MAD\left(\frac{LT}{F}\right)^{\beta} \qquad (1\text{-}57)$$

Where LT is the lead-time, F is the time interval for the forecast, and β is a factor that can be obtained by simulations, but the author offers that practice has proven that a value of 0.7 provides good results.

Time-Phased Order Points

Toomey describes this methodology as a very simple way to handle inventory in the cases of lumpy or intermittent demand.

Table 1 Example of Time-Phased Order Point

Month	0	1	2	3	4	5	6	7	8
Gross Requirements		45	45	50	40	45	55	58	45
Scheduled receipts		100							
Projected available	45	100	55	5	65	20	65	7	62
Planned receipts					100		100		100
Planned order releases			100		100		100		

This technique does not calculate an order point or order period per se. The author defines time-phased order points as "the segmenting of inventory status by time periods" (80).

The Table 1 is an adaptation of an example presented by Toomey of this technique using a lot size of 100 and 2 months for lead-time.

In this case the gross requirements are provided and an initial inventory must be available. Planned receipts are set according to the lot size and lead-time that will be evaluated.

The projected available is calculating by adding the scheduled and planned receipts for the month plus the projected available for last month, and then subtracting the gross requirements for the current month.

Selection and Evaluation of Inventory Policies

Axsäter explains that the Periodic review method is preferred in those cases where organizations need to coordinate the orders of several different items, where it is important to keep at minimum the costs of inspections, and when there are items with high demand. He also explains that the continuous method reduces the need for safety stock due to the numerous inspections that have to be performed, and that this method is best for those products with low

demand (47).

In the same line of thought, Magee offers that the re-order level or fixed inventory policies are best for those situations where the company is able to afford continuous monitoring of inventory levels, where the items are purchased infrequently in big lots and have low value (e.g. nuts and bolts), or when the product is purchased form an outside supplier and delays in delivery will not affect gravely the organization. The author explains that fixed-cycle or periodic reorder inventories are better in the case when a lot of different items have to be ordered at the same time and frequently, and those items are of great importance for the organization activities ("Guides to Inventory Policy: II. Problems of Uncertainty" 107).

In reference to demand patterns, Plossl comments that the re-order point re-order level inventory policies are not the best for intermittent demand (98).

Furthermore, Lewis argues that if the ABC classification is used, a re-order level policy is more suited for "A" items, and that those items labeled as "B" can be easily controlled by a re-order cycle policy, which requires less inspections and reduces costs (135). This makes sense because it would be ideal to have more control in items labeled as "A" and therefore perpetual inventory systems such as order-point would be applicable.

Lewis also suggests that for those items classified as "C" a two-bin inventory policy is sufficient. This policy indicates that there are basically two physical bins where the items are stored, and by visual inspection parts are ordered again when one of the bins is empty (136).

In addition to this, Brown explains that a simulation might be the best tool to help management in the selection of an inventory model (143 - 147). The author explains that the following steps can be followed in this case:

1. Select possible forecasting methods to estimate demand
2. Select inventory methods to evaluate
3. Select a desired level of service.
4. Calculate forecasted demand, and inventory policy data: order points, lead time.

5. Estimate: resulting service level (demand that was satisfied without backorders), number of backorders, ending inventory for each option
6. Select the inventory policy that provides the better results according to management. Here the company has to decide which is more important of the three factors evaluated or if all factors are equally relevant. For example, it is possible that one methodology resulted in the best service level but also in the highest inventory, and management might opt to go with another option that provides a slightly smaller service level and ending inventory. Plossl offers that total service versus investment curves at an aggregate level can help management to perform trade studies and select the appropriate policy (206).
7. After selecting an inventory policy, run some more simulation with variations on the safety stock, in order to determine the minimum inventory necessary to get the expected level of service.

Plossl indicates that one of the objectives of any manufacturing company is to keep the investments made on inventory at a minimum (331). Keeping this objective in mind it is possible to evaluate the inventory policy selected. Some metrics that the author mentions to evaluate the performance of an inventor policy are (331):

- Percentage of items backordered. In this case sometimes it is not important to know this information about all items, some products are more important than others and this measured has to be carefully considered to save resources
- Percentage of orders with backorder items
- Percentage of demand satisfied (service level)
- Duration of the stock-out for products backordered.
- Percentage of orders delivered on schedule (For a make-to-order business)
- Inventory Turnover: this is defined as the cost of sales in period divided by the cost of average inventory on hand. Plossl indicates that inventory turnover "has most meaning as a measure of improvement in inventory control performance " (334). However, some authors such as Donath insist that the inventory turnover is a good metric for financial purposes, but it provides very little information that can really help to pinpoint problems and improve performance (589).

Plossl also mentions that performance measures have to be simple, in order to involve the less

costs and resources. Ultimately, performance measures in this stage have to be able to provide an idea of the status of customer service, and whether it has improved or not with time (332).

Ultimately, management has to decide which inventory policy to use and how to evaluate it according to the specific needs of the organization. Magee points out that "The only way to cut inventories is to organize operations so that they are tied more closely together" ("Guides to inventory policy: I. Functions and Lot Sizes" 60). What this means is that management really needs to take a system perspective and not see the inventory as a decision that can be taken isolated of the rest of the conditions of the company. No one model provides a formula that includes all the possible factors and considerations that can affect inventory, customer service, and ultimately profit for an organization, common sense and experience have to be applied.

CHAPTER III

METHODOLOGY

The objective of this study is to provide an information system that can help management in decision-making within the forecasting and inventory management of spare parts. The desired output is a system that supports the development of an inventory policy for each spare part that will answer two basic questions: when to order replenishment parts and how much to order.

The first step was to review literature on forecasting techniques and inventory management systems, especially for spare parts inventory. After reviewing the literature and summarizing the results to produce guidelines for selecting and applying the techniques, a determination was made concerning input requirements for each. These requirements and guidelines were then used to develop a decision support tool for managers involved in setting inventory policies. The significance of this tool is a fundamental inventory policy that is based upon an optimized forecast of the demand that has been fitted for the particular characteristics of the data set.

A description of the approach taken to develop the information system and the decision model upon which this system is based follows.

Model Development

The decision model is the heart of the information system. It is divided into three parts:

1. Data preparation and analysis
2. Forecasting
3. Inventory Management

This decision model is based on the acceptable forecasting approaches described in the literature review, and is built within the bounds previously described in the assumptions, limitations, and constrains. A description of each stage is provided, along with specific application to Cubic. An overview of this methodology is shown in Figure 1.

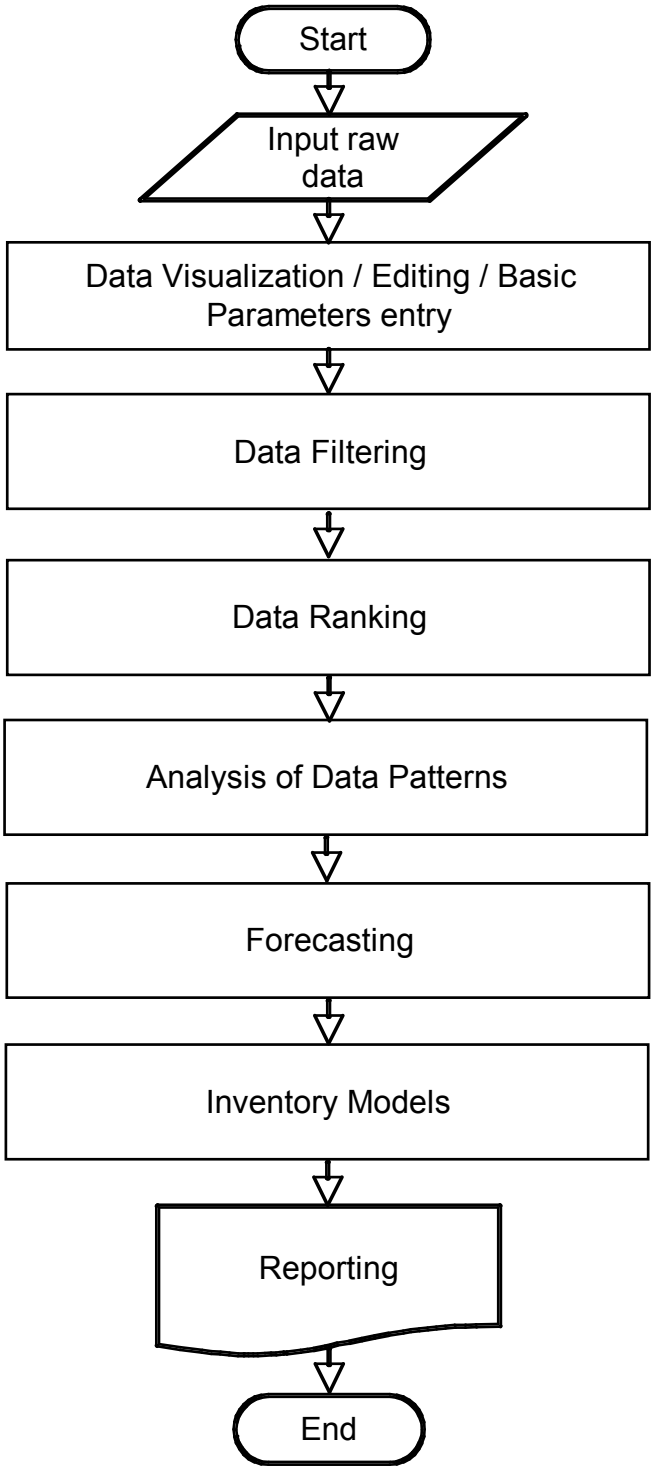


Figure 1 Methodology Overview

Makridakis, Wheelwright and Hyndman ("Forecasting Methods" 13-16) proposed several stages for forecasting: information gathering, preliminary analysis fitting models, and using and evaluating the forecast. Using these steps as a guide, the methodology used has several stages to achieve the results expected.

The specifics of this overview are shown in the general model provided in Appendix A, and the detailed flowcharts for each section of the general model are shown in Appendix B. (All flowcharts are built with the IBM Flowcharting template 20-8020.)

1. Data Preparation and Analysis

Quite often, managers are faced with either a scarcity or an overload of data. Thus, the first step involves determining what data is needed, capturing that data, and formatting it for use. A key question is how much of these data to include in the analysis. According to Dorn (1950), as quoted by Armstrong, "forecasters should use the longest possible time series" (8). Thus, this model is based on the premise that management will select as much data as is available. Because this decision may lead to overload, a procedure to reduce it down to the most pertinent is needed.

In an effort to determine an effective procedure, data from Cubic was analyzed and the results were used to develop general guidelines. Cubic provided a data set of 14 years of demand history for at least 24,063 spare part items; and initially, all of it was used for this model.

An initial scanning of the data available from Cubic showed that an initial preparation of the data was necessary. The following issues were observed:

- Part numbers that did not correspond to spare parts
- Obsolete part numbers, or spare parts that are no longer produced or sold.
- Different part numbers correspond to the same spare part with non-significant variations such as different color or software loaded.
- Orders placed by customers that do not exist anymore or are no longer doing business with the company.
- Orders placed to replace a faulty part number

The process used to reduce this full dataset into a usable dataset involved verification of both part numbers and customers. With the Cubic dataset, comparisons were made with listings of non-spare parts to eliminate those which were not indeed “spare” parts; listings of current customers to delete obsolete records that were not pertinent for future demand forecasts, and listings of part-number combinations based on distinguishing characteristics of the same part so that duplicate records could be combined into a single record for each part.

Additional filters might be required to ensure that the data is accurate and pertinent to future demand forecasts. Steps taken to implement additional filters required for the Cubic data are shown in Figure 2 located in the following page. These include filters to eliminate those orders to replace faulty parts. The obsolete part numbers are filtered in future steps where phase-out products are identified and excluded from calculations. To further improve the quality of the data, a ranking step is taken, based on a Pareto analysis. This ranking is described in the next section.

Data ranking

Once the data has been corrected and filtered, it is ranked. The model initially calculates an average lead-time, and the total monetary value of the summation of the orders per part number. The data is then ranked by descending mean lead-time, total monetary value, total number or orders per part, and the average quantity per order.

The number of orders per part and the average quantity per order are included in the ranking as a way to give priority to those parts that are ordered frequently and in great quantity.

This ranking is then used to classify the data using the Pareto methodology described previously. Only the items classified as "A" are selected to continue in the model, since these parts represent around 80% of the total value of the entire set of spare parts. This procedure is shown in Figure 3.

This concludes the preparation of the data, so that the most appropriate data is analyzed to determine the forecasting method. A description of that analysis follows.

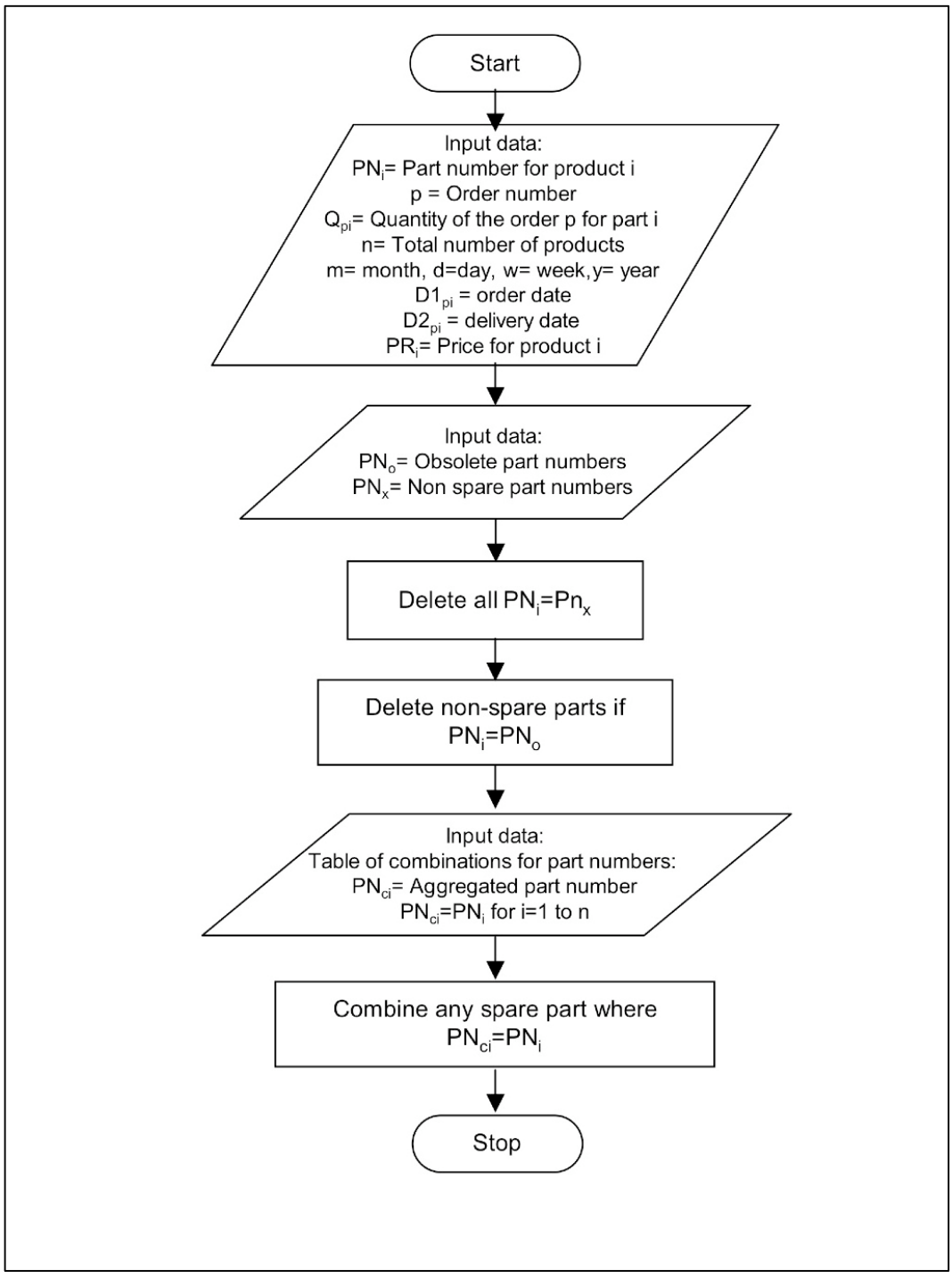


Figure 2 Data Preparation

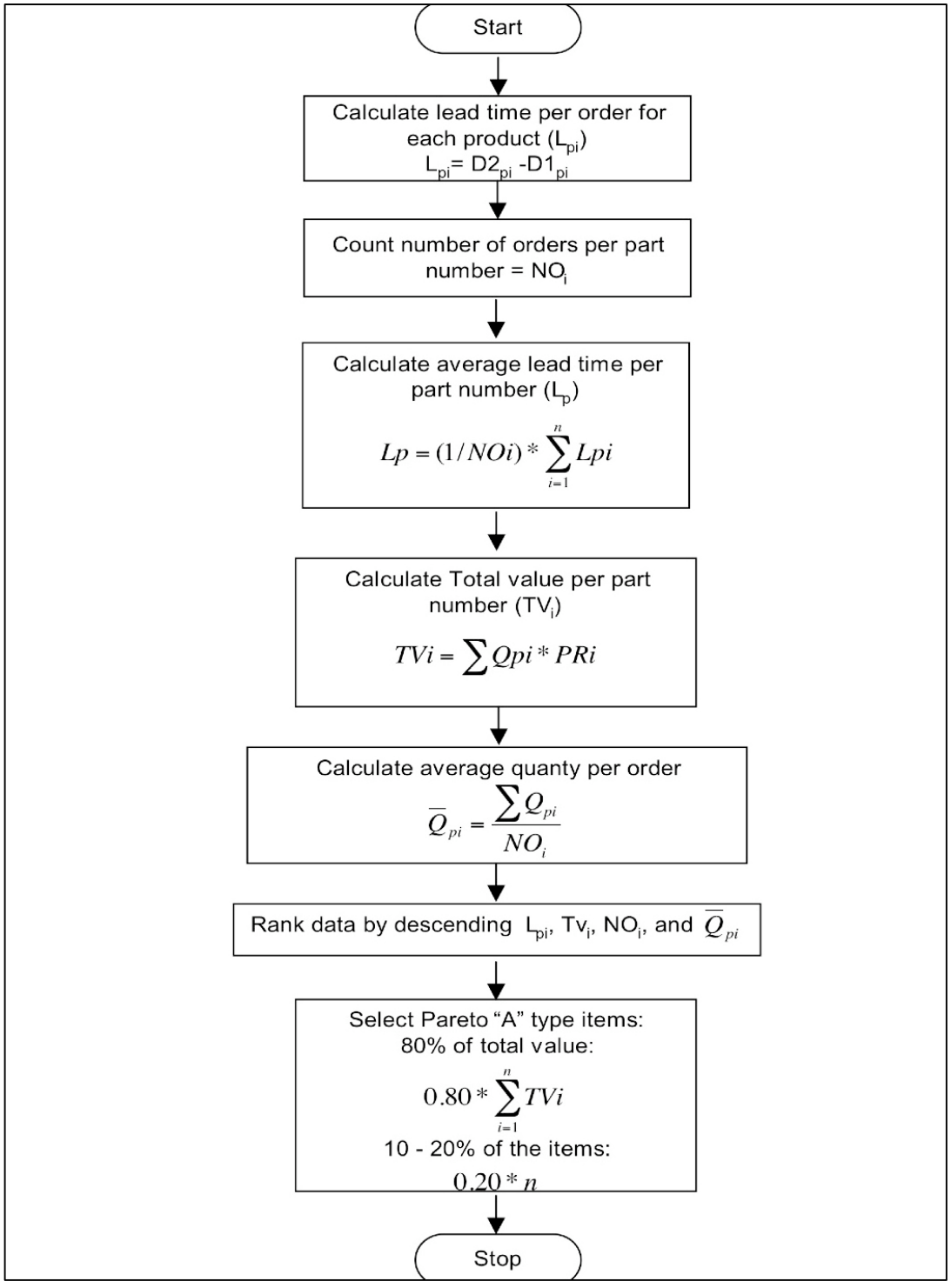


Figure 3 Data Ranking

Life Cycle and Seasonality analysis

The life cycle and seasonality analysis of the prepared data is shown in Figure B-1. The objective of this stage is to identify in the set of data the following characteristics: stationary, trends, and life cycle stage.

User input is required to eliminate all data that is included in the introduction and phasing out phase. The stages of the life cycle that can be forecasted using purely quantitative methods are the steady state and the rapid growth. The steady state is considered to have no trend but can also have seasonality. The rapid growth phase should show an increasing trend and might show seasonality.

The autocorrelation r_k explained in the literature review is used to identify the previous characteristics on the data set:

- Data with no trend (steady state) or seasonality: no r_k outside the limits of +/- $1.96/\sqrt{n}$.
- Data with no trend (steady state) but with seasonality: any r_n different than r_1 outside the limits of +/- $1.96/\sqrt{n}$. A value of r_1 would indicate that the data correlates from month to month which is an indication of trend.
- Data with trend (rapid growth) but no seasonality: Only r_1 is outside the limits of +/- $1.96/\sqrt{n}$.
- Data with trend (rapid growth) and seasonality: Values of r_k outside the limits of +/- $1.96/\sqrt{n}$, including r_1 outside the limits.

Intermittent data Identification

It was identified in the literature review that intermittent data is characterized by a mean inter demand interval bigger than 1.25. The procedure to identify intermittent demand is shown in Figure B-2, this flowchart calculates the mean inter demand interval, and it is based upon the basic Croston algorithm for forecast.

2. Forecasting

Once the data is classified in the previous steps a set of forecasting techniques are applied (Figures B-3 to B-11).

Each forecasting technique is selecting following the general decision model depicted in appendix A. The result of this process is at least one forecast method selected for the data set. In those cases where several forecasting methods are possible, the measures of accuracy MSE and MAPE described in Figure 4 will be used to select the forecast with the best accuracy.

Figure 4 also includes the calculation for the prediction interval for the forecast selected, this prediction interval uses a Z=1.96 or a 5% level of significance. This level of significance was selected, as it is sufficiently accurate for the forecast of spare parts.

The forecast selected is compared to the naïve method by using the Theil's U-statistic, this procedure is shown in Figure 5. The Theil's U-statistic determines whether the forecast method selected is better than last month's demand as forecast.

As a measure of quality control for the forecast, Figure 6 shows the steps for establishing a tracking signal, and a decision point of TS >2 or <-2 will determine whether the forecast needs to be reviewed or not. If the tracking signal is bigger than 2 it would mean that the actual demand is greater than the forecast by 2 times the mean absolute deviation (MAD). On the other hand, if the TS is smaller than -2, it would mean than the actual demand is smaller than the forecast by 2 times the MAD.

This limit can be changed, and it actually depends on where the management wants to set the limit for forecast reviews, in this case the value of 2 is a conservative measure that will ensure a closer look to the forecast during the initial stages of the model implementation.

Makridakis explains that when it is difficult to select a forecast, it is possible to use the average of the forecasts available; the author explains that this has proven to improve the accuracy of the forecast in practice (67).

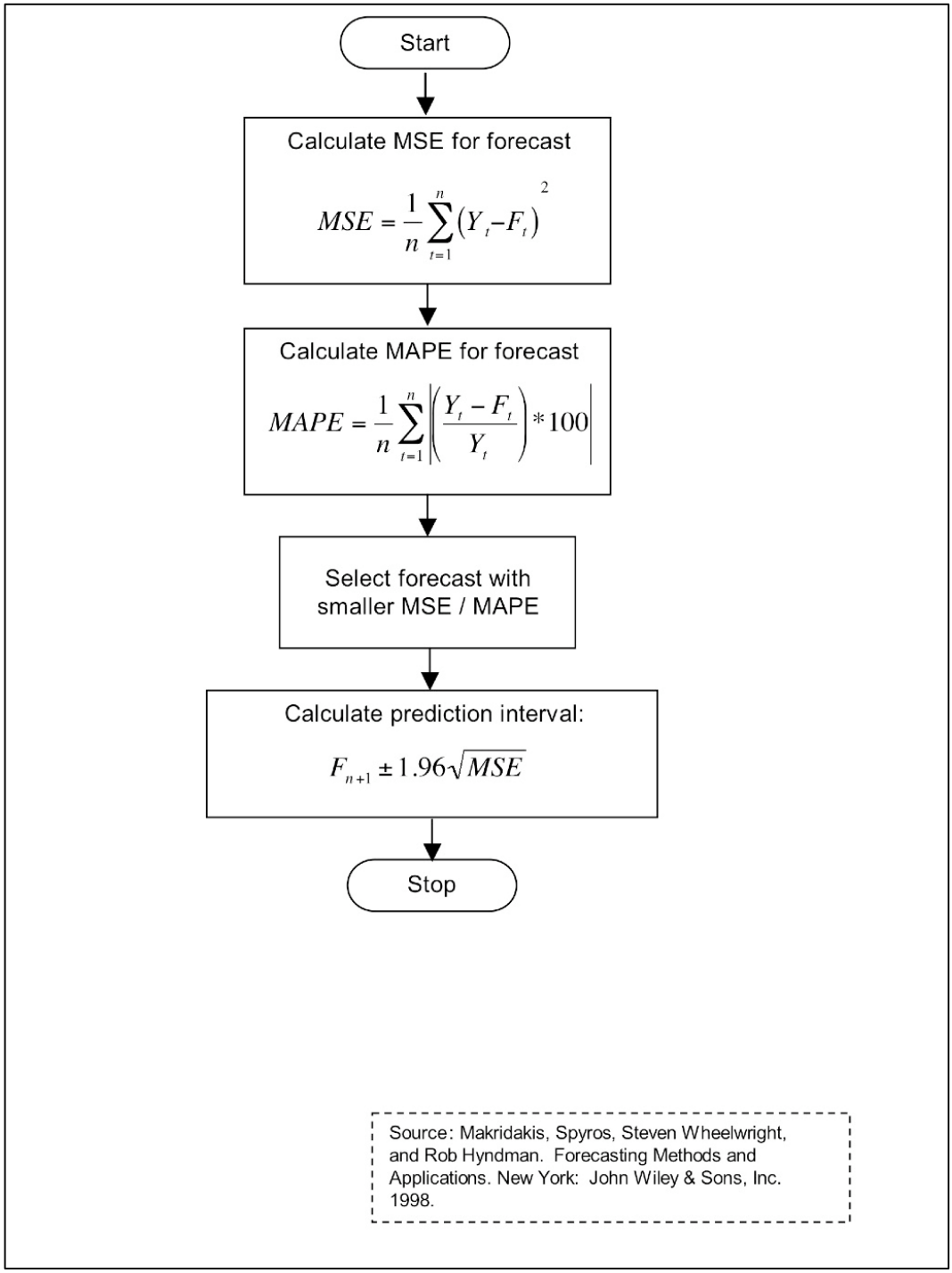


Figure 4 MSE / MAPE / Prediction Intervals

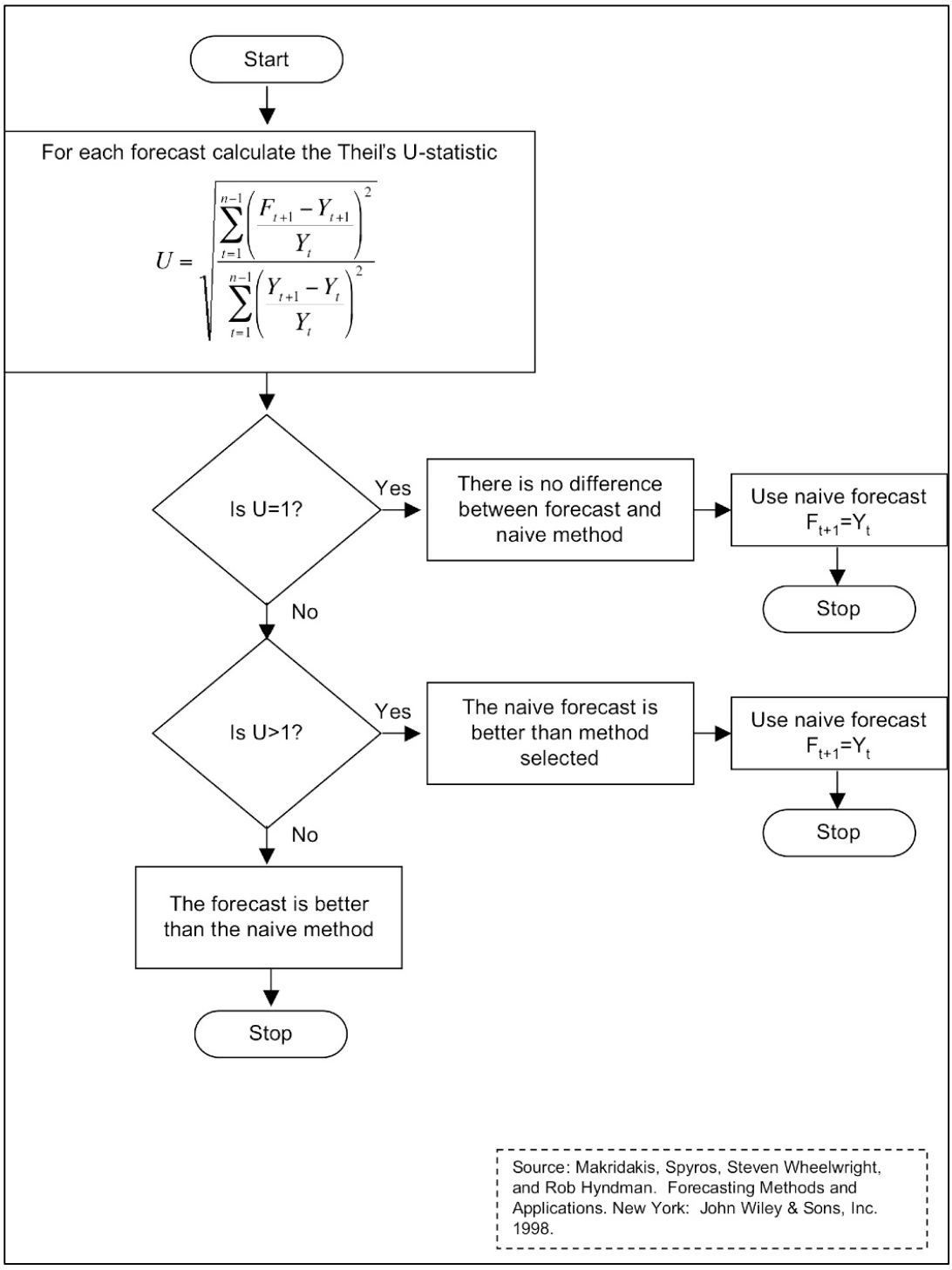


Figure 5 Theil's U-statistic

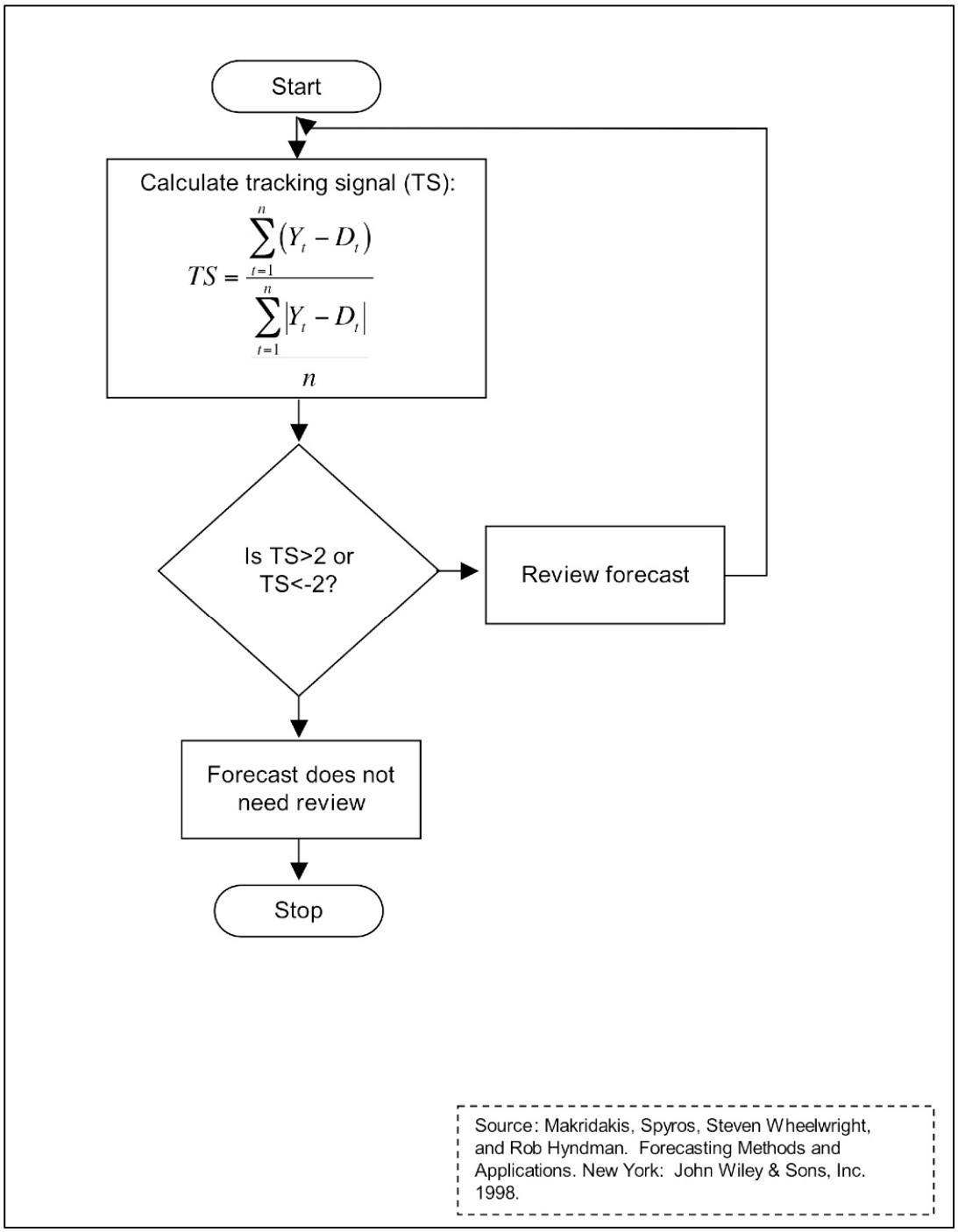


Figure 6 Tracking Signal

3. Inventory

The following guidelines were identified in the literature in order to help management to select between the inventory methodologies:

1. If management is considering to used ABC classification to select an inventory policy:
    - "A" items: use a re-order level policy
    - "B" items: use a re-order cycle policy
    -"C" items: a two-bin inventory policy is sufficient, no need for formal inventory control procedures.

2. When in presence of slow moving or intermittent items, management can evaluate as well the possibility of using Time-Phased Order Points. The assumption of normally does not hold up quite well when the forecasted demand for the period of time is less than 20, still the main two inventory policies can be included in the evaluation.

3. If trying to decide between re-order level and re-order cycle policies:

Use Re-order level when:
- The organization wants to reduce the need for safety stock
- There are products with low demand
- The company is able to afford continuous monitoring of inventory levels
- Items are purchased infrequently in big lots and have low value
- When the product is purchased form an outside supplier and delays in delivery will not affect gravely the organization

Use Re-order cycle when:
- The organization needs to coordinate the orders of several different items
- It is important to keep at minimum the costs of inspections
- There are items with high demand
- Items are of great importance for the organization activities

Based on this guidelines management can make a selection between the re-order level and re-order cycle models. These models are explained in the Figures B-12 and B-13.

Validation

The model will be checked using an internal and an external source of validation. A Microsoft Access database was created in order to help management in the use of the decision model, and to automate the process of forecasting and constructing the inventory model. Also, Visual Basic modules were programmed and incorporated into the database in order to automate calculations. In addition to this, a user manual and a maintenance manual for the database are included in appendixes D and E.

Internal Validation

The model was tested using real demand data provided by the company Cubic Transportation systems located in Tullahoma.

Cubic provided fourteen years of sales data for spare parts to perform internal validation. The sales data included 148,526 lines records of orders for 24,063 part numbers.

The data set is composed of: part number, order number, order date, delivery date, and unit price. It is important to mention that the unit prices provided by Cubic are not the actual values, since this information is considered confidential they were altered to show a different price but they preserve the same proportions as the actual data.

The internal validation is going to be divided in two main parts:

1. Model run in automatic mode: In this case, the raw data is going to be entered in the database and the calculations are performed automatically. The only information that the user has to enter in addition to the raw data are the basic parameters necessary to perform the filtering of the data and the inventory models.

2. Model run with user input: In addition to the raw data and basic parameters, the user is allowed to alter the results of the data patterns in order to force the database to apply a specific forecasting model to the part numbers. The purpose of this step is to verify that the results of the model can be improved with user input, and that the model can outperform the selection of a single forecasting method for all the set of data. The following scenarios are going to be

included in this step:

1. Various changes in the intermittency, seasonality, and trend based on the user's common sense.
2. All part numbers set as intermittent
3. All part numbers set as to have seasonality and trend
4. All part numbers set as to have neither seasonality nor trend
5. All part numbers set as to have seasonality but no trend
6. All part numbers set as to have trend but no seasonality

External validation

The data sets for the 3003 M-3 Competitions available through the International Institute of Forecasters are going to be used as an additional source for external validation.

The M-3 Competition data set contains 645 yearly series, 756 quarterly series and 1428 monthly series. The series are divided into the following categories: Micro, Industry, Macro, Finance, Demographic, and other. This study will use only the set of data for monthly forecasts for the Micro category, which has 474 series and 42,611 entries. The Micro category was selected because it has the most amount of time series for the monthly data.

The results of the competition for this category are published online, and they are also included in the Table 14 in appendix C. Twenty-two forecasting methods were applied to the time series during the M3 competition, and the results were compared using the symmetric MAPE (sMAPE).

In order to perform the external validation the 474 series for monthly data the database is going to be used, and calculating an average sMAPE will compare the results. Since the M3 competition was designed only to test forecasting methods and does not provide any additional information for inventory analysis, this external validation will be limited only to the forecasting section of the model.

CHAPTER IV

RESULTS AND DISCUSSION

Internal Validation

In order to perform the internal validation of the model this study is going to use the data provided by the company Cubic. The raw data is provided in the appendix F, these tables show the data after it was filtered and combined and as it was used to perform the forecasts.

The results will be analyzed by using the calculations obtained from the database without any user input beyond basic parameters, and then user input is going to be added to the analysis of data patterns to determine if there is an improvement in the solution.

The fourteen years of sales data provided were entered in the database designed in Microsoft Access that includes modules in Visual Basic that perform all the calculations of the model. For these calculations the following basic parameters are used:

- Number of years to filter part numbers in introductory phase: 2 years. This means that if the first sale of a part number was 2 years from now or less, then that part number is considered to be in introductory phase and it is not going to be included in the following calculations. This selection will warrantee that at least two years of data will be available per part number analyzed. As it was mentioned before, this model does not support data of products in introductory phase.
- Number of years to filter part numbers in phase-out: 2 years. In this case, a product will be excluded from calculations if it has not been sold for the last two years or more.
- Approximate cost to place an order: $10. This cost is assumed, the company supplying the data did not provide actual costs in this case.
- Percentage cost of holding stock per year: 2.44%. This percentage is also an estimate, since the company did not provide this information. This number was estimating by calculating the average of the annual percentage yield (APY) of 36 banks in the US for a money market savings account of at least $50K, the information was located in Bankrate.com and the link is provided in the references section of this document.

- Service level: 95%. This number is also an estimate and means that a delivery for at least 95% of the customers once an order is placed is desired.

The raw data available has the following characteristics:

- Min Order Date: 02/01/1995 / Max Order Date: 01/22/2009
- 148,526 records of line items ordered
- 40,258 orders for 24,063 part numbers
- Average quantity ordered: 2,056.02 units
- Standard Deviation of quantity ordered: 84,539.96 units
- Volatility of quantity ordered: 4,111.82%

Prior to running the model using the database, three tables were created in order to facilitate future steps. Those tables are: part numbers to delete, part numbers to combine, and customers to delete. The results of the model will be analyzed step by step as they are executed using the database:

Internal Validation - No User Input

The first type of validation performed is set with the database running the calculations with no additional user input. The only information provided by the user are: number of years to phase-out and introductory phase, cost of one order, percentage cost of holding stock per year, and service level. The following sections describe the results obtained in each of the milestones of the calculations:

Data Preparation and Ranking

The following table presents a summary of the modifications applied to the raw data during the preparation and ranking steps:

Table 2 Summary of results during preparation and raking steps

Step	Total Line Items	Total Part Numbers	Additional Comments
Eliminate null part numbers and line items with null quantities ordered	148,526	24,063	
Eliminate orders to replace faulty products	122,330	22,927	
Eliminate customers that no longer exist or have contracts	122,323	22,927	Only one customer was eliminated
Eliminate non-spare part numbers	117,062	22,397	
Combine part numbers	70,478	12,760	Total value of orders: $118,654,577.12
Filter part numbers with "A" Pareto classification	10,759	286	Total value of orders $94,908,977.17
Eliminate parts in phase-out or introductory phase	8,361	168	

It is important to mention that the part numbers selected in the Pareto are not only filtered due to the total sales, the average quantity ordered, the number of orders and the lead time per part number were also considered. In other words, this Pareto selection includes all those part numbers with the biggest total monetary value in sales, the biggest average amount ordered, the most orders and the longest lead time.

Analysis of Data Patterns

Since the part numbers that are in introductory and phase-out phase have been eliminated, the next step it is to determine whether a part number behaves intermittently and has any seasonality and/or trend.

Intermittent data Identification

An average of the time between demands was calculated for the 168 parts that were selected in the previous step, any part number that had an average bigger than 1.25 months is considered intermittent. The table # 1 located in the appendix C shows the results of this step.

Only 11 part numbers are not intermittent, this represents 6.55% of the total number of parts

analyzed.

Seasonality and Trend analysis

The next step is to identify the seasonality and trends per part number. In this case, the coefficient of correlation is applied to those parts identified as not being intermittent. The results of the seasonality and trend analysis are shown in tables 2 and 3 in appendix C.
Each part number can fall in one out of four possible cases in this section of the analysis:

- Part number exhibits trend and seasonality
- Part number exhibits neither trend nor seasonality
- Part number exhibits trend but no seasonality
- Part number exhibits seasonality but no trend

The results shown in tables 2 and 3 in appendix C show only three of those cases, examples of those cases are shown below:

Part Number exhibits Trend and Seasonality

Figure 7 located in the following page shows the results for the coefficient of autocorrelation for part number 827-0100. The coefficient for r_1 is very high and outside the upper limit, this indicate that there is a relationship on the data from month to month and this can indicate the presence on trend in the data.

Other relevant values outside the limits observed in this graph are r_3, r_6 and r_7. This indicate that there might be a strong relationship of the data every three months and every semester, which would lead us to believe that there might be seasonality present in the data.

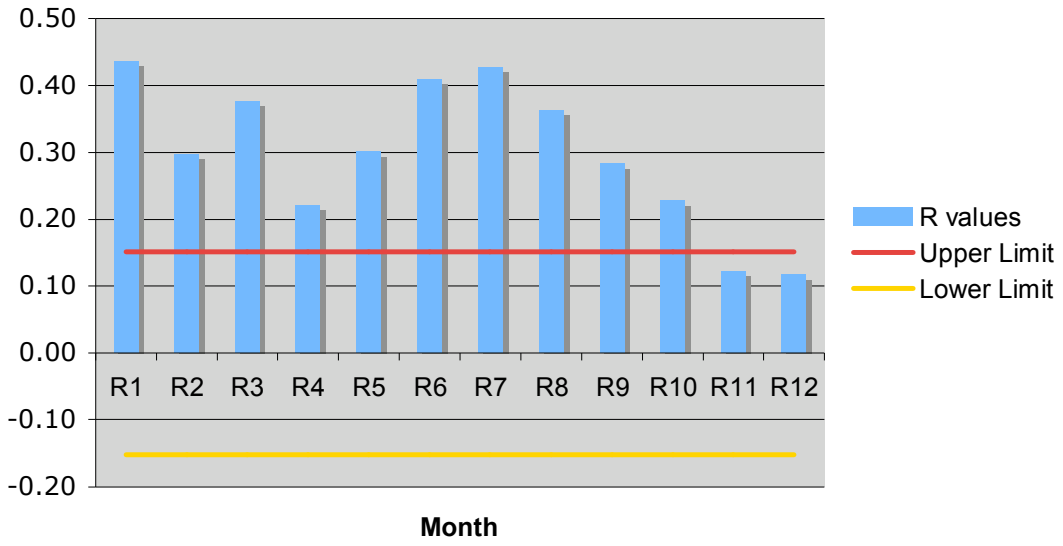


Figure 7 Coefficient of correlation for part number 827-0100

Figures 8, 9 and 10 help to corroborate the presence of trend and seasonality for this part number. In Figure 8 it is observed that sales have higher values towards the middle of the year, which is consistent with the high values of the coefficient of correlations for r_6 and r_7.

Figure 9 shows higher sales for the second and third quarter of every year, which explains the high value of r_3 obtained in the analysis. Therefore, Figures 8 and 9 gives us the indication that this part number might have seasonality.

Figure 10 shows a trend downwards from 1999 to 2002 and then a trend upwards from 2002 to 2005.

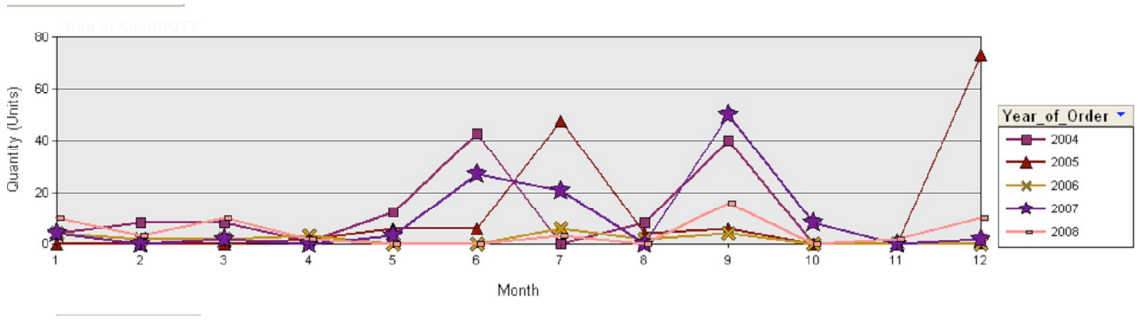


Figure 8 Total quantities ordered per month / year for part number 827-0100

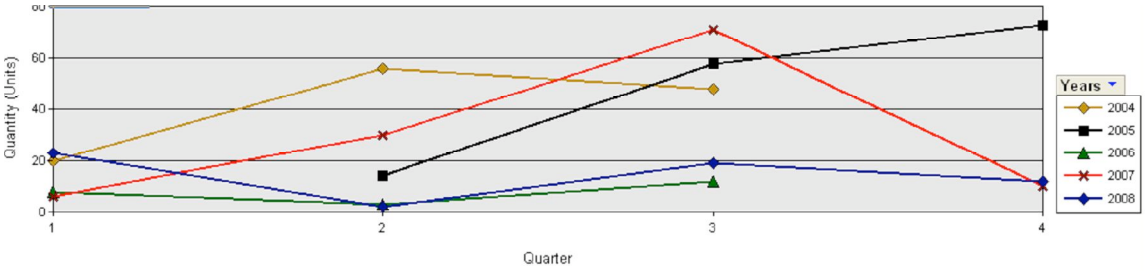


Figure 9 Total quantities ordered per quarter / year for part number 827-0100

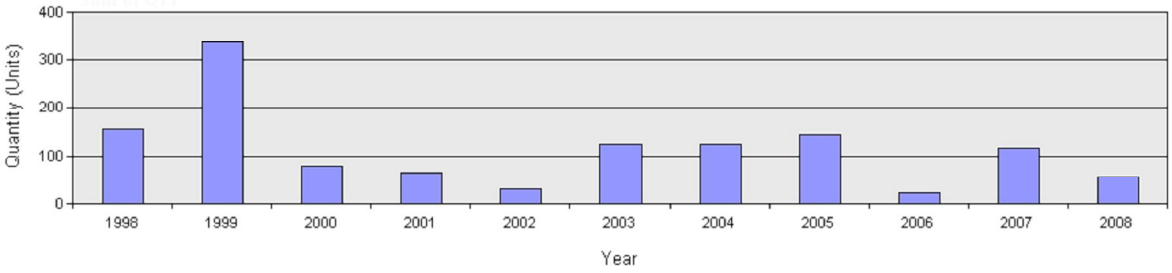


Figure 10 Total quantities ordered per year for part number 827-0100

Part Number exhibits neither Trend nor Seasonality

According to the calculations, the part number 0001-1104 exhibits neither trend nor seasonality. Figure 11 shows that no value of the coefficient of correlations calculated are outside the limits, meaning that there is no significant pattern on the data. Figure 12, 13 and 14 also show no obvious signs of trend or seasonality.

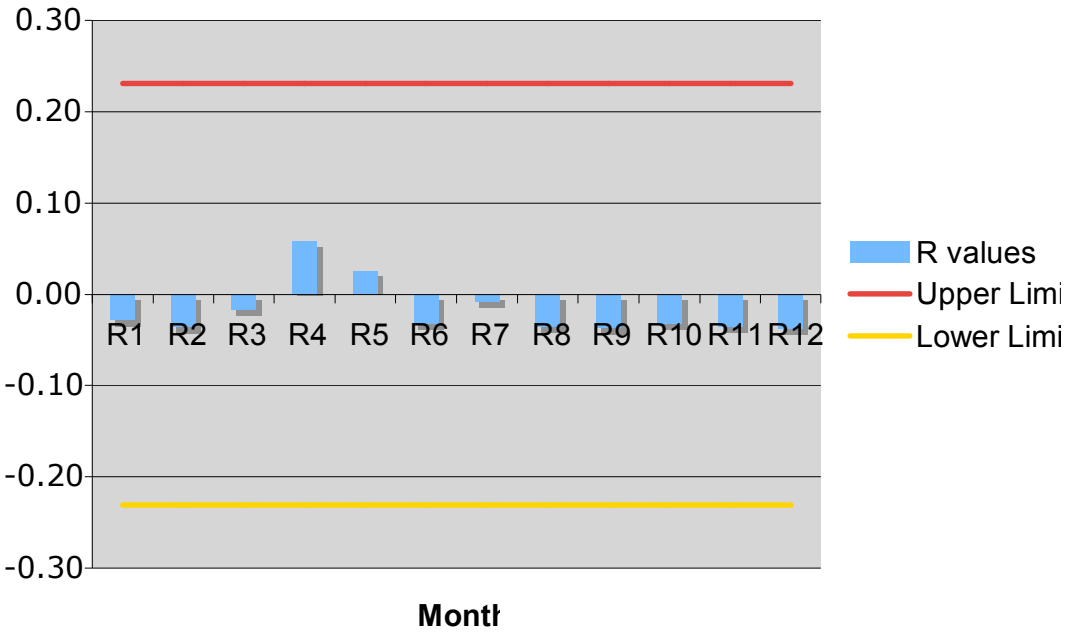


Figure 11 Coefficient of correlation for part number 0001-1104

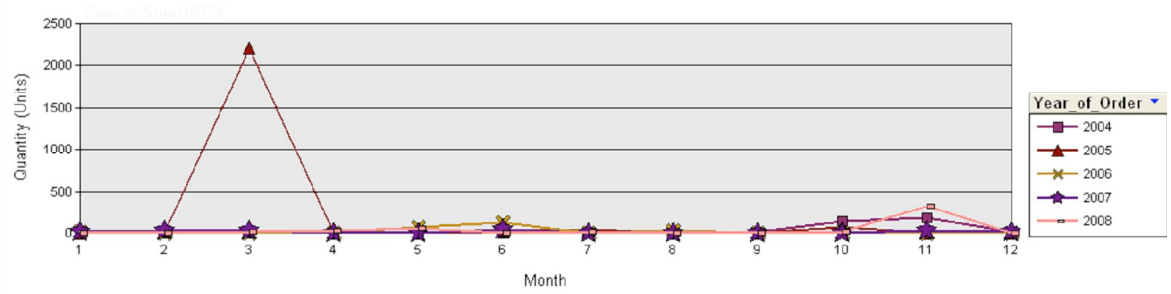


Figure 12 Total quantities ordered per month / year for part number 0001-1104

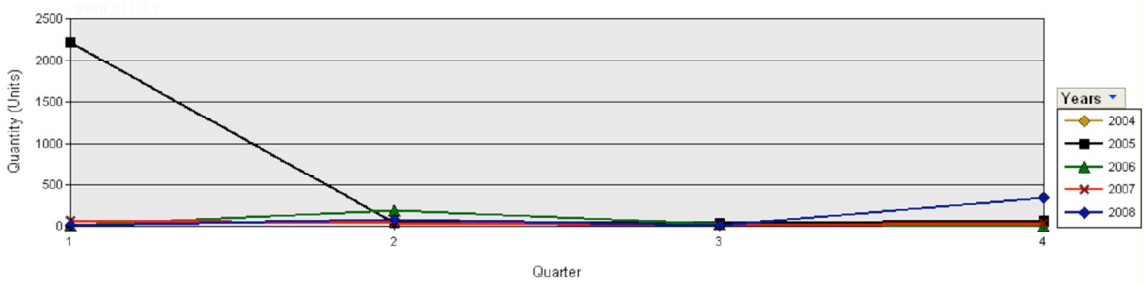


Figure 13 Total quantities ordered per quarter / year for part number 0001-1104

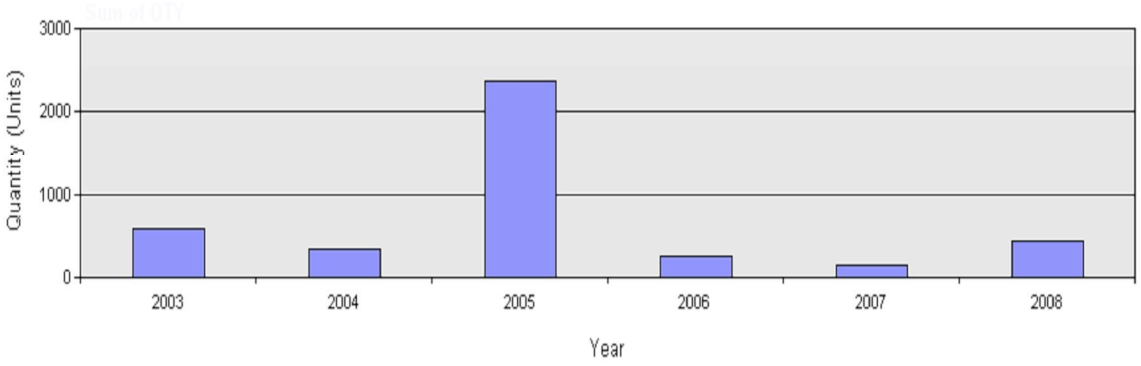


Figure 14 Total quantities ordered per year for part number 0001-1104

Part Number exhibits Seasonality but no trend

The part number 6G3-145037 resulted with coefficients of variation that indicate seasonality but no trend.

Figure 15 shows that only r_{11} is barely outside the limits, which could indicate that the data is related every eleven months. Figure 16 shows that the month of November has relatively small amount of sales compared to the rest of the year.

Now, Figure 17 does not show any significant difference among the sales per quarter, and Figure 18 does not show any obvious trend.

On the other hand, since the evidence of seasonality in the Figures 16, 17 and 18 is not strong, this part number will be analyzed again later on when user input is added to the process.

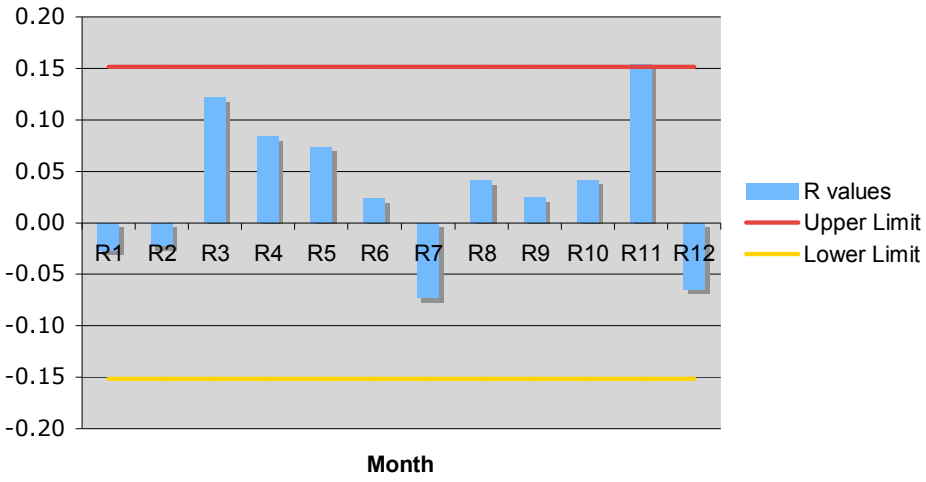


Figure 15 Coefficient of correlation for part number 6G3-145037

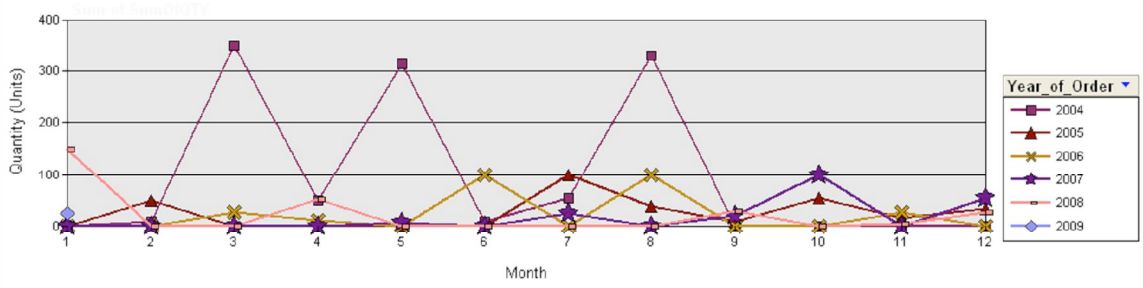


Figure 16 Total quantities ordered per month / year for part number 6G3-145037

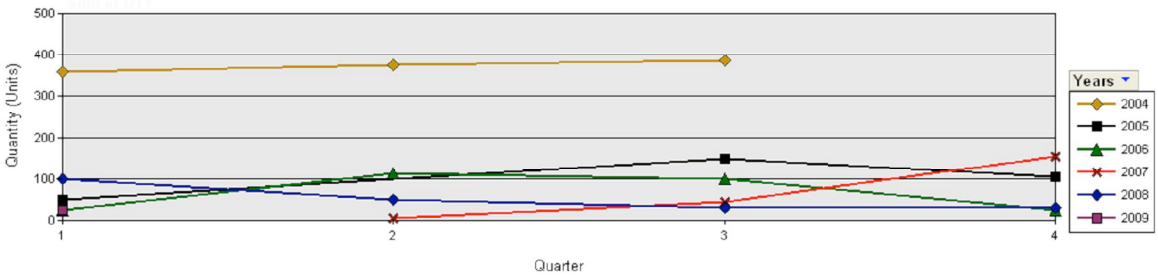


Figure 17 Total quantities ordered per quarter / year for part number 6G3-145037

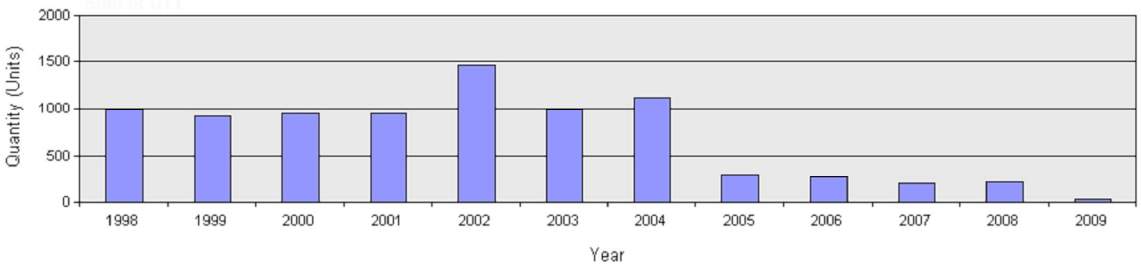


Figure 18 Total quantities ordered per year for part number 6G3-145037

Forecasting Method Selection and Accuracy Measures

Since most of the data is intermittent, meaning that there are some months with no sales, it was necessary to add programs in the database that will include records for the missing months with zero quantities ordered for all the part numbers. It was also necessary to add records with a zero quantity ordered for those part numbers in which the first sale observed in the data was not a January. The reason for this is that some forecasting methods designed for seasonal data will require that the first observation correspond to the month of January in order to calculate seasonal indexes. Once prepared, the forecasting methods were selected and applied according to the data patterns:

- Seasonality and trend: Simple moving average, weighted moving average, and Holt-Winters.
- Neither seasonality nor trend: Single exponential smoothing
- Seasonality but no trend: Linear regression for deseasonalized data
- Trend but no seasonality: Simple moving average, weighted moving average, and Holt linear.
- Intermittent data: Croston, Modified Croston, and Approximation to Croston

Once applied the forecasting methods applicable to each part number, the accuracy of the forecast was measured using the MSE and MAPE. The best forecast was selected using only MSE, the reason for which MAPE was not used to select the best forecast is because there are so many part numbers in this case that show intermittent demand. If the equation 1-44 for MAPE is recalled, the difference between the actual demand and the forecast is divided by the actual demand to show a percentage of deviation. In the case of an intermittent demand, there are many cases where the actual demand is zero and the MAPE cannot be calculated.

In the model used in the database, the calculations for MAPE exclude those values where the actual demand is zero, therefore the program still outputs a MAPE so the user will have a very rough idea of the average percentage difference between the actual demand and the forecast. However, since MAPE is not a valid accuracy measure for intermittent demand, it was not used to select the best forecast.

It is also important to mention that the MSE calculations in the model do not include the last forecast. Since this forecast will correspond to a data point where there is no available actual demand, there is no point of including it during the accuracy measures.

Once the best forecast was selected, the results were compared with the naïve forecast. A tracking signal was also calculated to warn the user if the forecast has to be reviewed. Finally, prediction intervals were calculated for those part numbers which best forecast proved to be better than the naïve forecast. The tables 4 - 8 in appendix C show the main results of the forecasts applied in automatic mode.

Some examples of the forecasts calculated are discussed below. Figure 19 located presents the forecasts calculated for part number that showed intermittent demand.

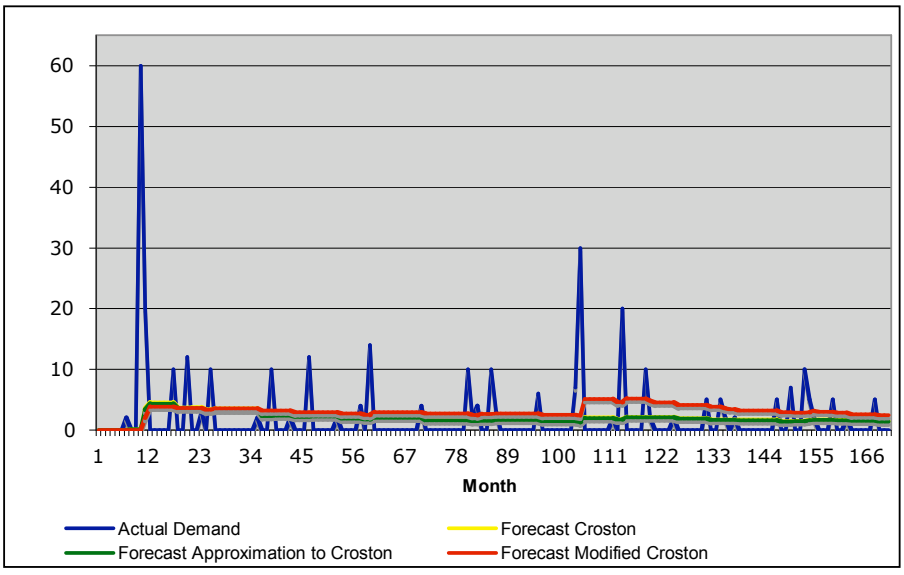


Figure 19 Forecast for part Number 827-4404 (Intermittent Demand)

Part number 827-4404 is an example of the part numbers that were identified as having intermittent demand; therefore three possible forecasting methods were applied: Croston, Approximation to Croston, and Modified Croston. In this case, the forecast with the best MSE is the Approximation to Croston, which also resulted to be better than the naïve forecast. As seen in figure 19, Croston shows similar results to the best forecast, and the Modified Croston is the less accurate forecast, since it seems to be more influenced by jumps in the data.

Figure 20 shows the monthly forecasts for part number 827-1538. In this case, the database identified only seasonality in the data, and therefore the linear regression deseasonalized method was applied by month, quarter, and semester time series. The monthly forecast in this case showed the most accuracy and proved to be better than the naïve method.

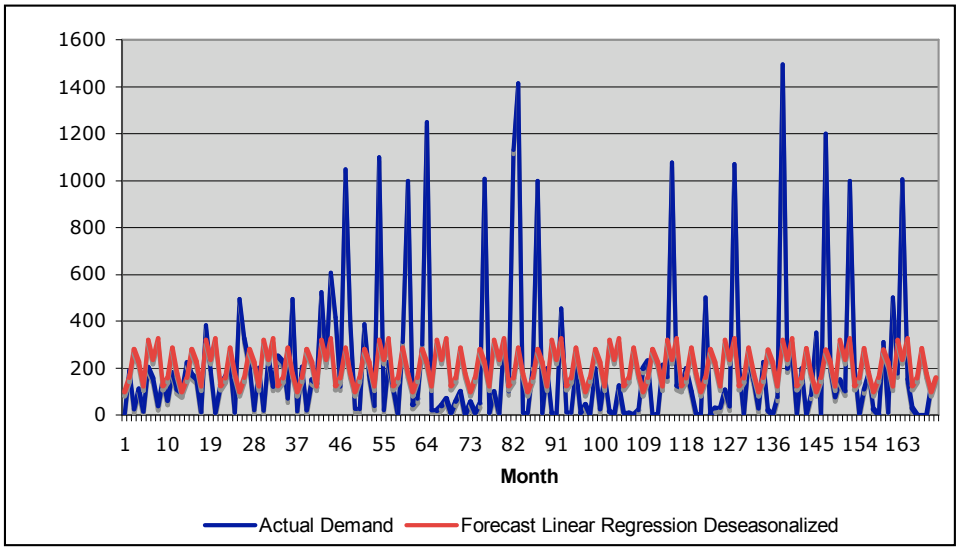


Figure 20 Forecast for part number 827-1538 (Monthly - Seasonality but no trend)

Figures 21 and 22 show the forecasts calculated for semester and quarter for part number 827-1538. The forecasts tend to be in the middle range of the actual demand, and they show very little response to changes in the actual demand, reason for which is understandable that neither of these two forecast were selected as the best performer for this part number.

Figures 20, 21, and 22 show that this part number has a lot of variability, and this variability is observed regardless of the level of aggregation of the time series. This variability would require a forecast that can react quickly to drastic changes in the demand.

Another example of a part number that was identified as to having seasonality but no trend is 6G3-1455037. This part number did not produce a valid forecast; the results are shown in figures 23, 24, and 25.

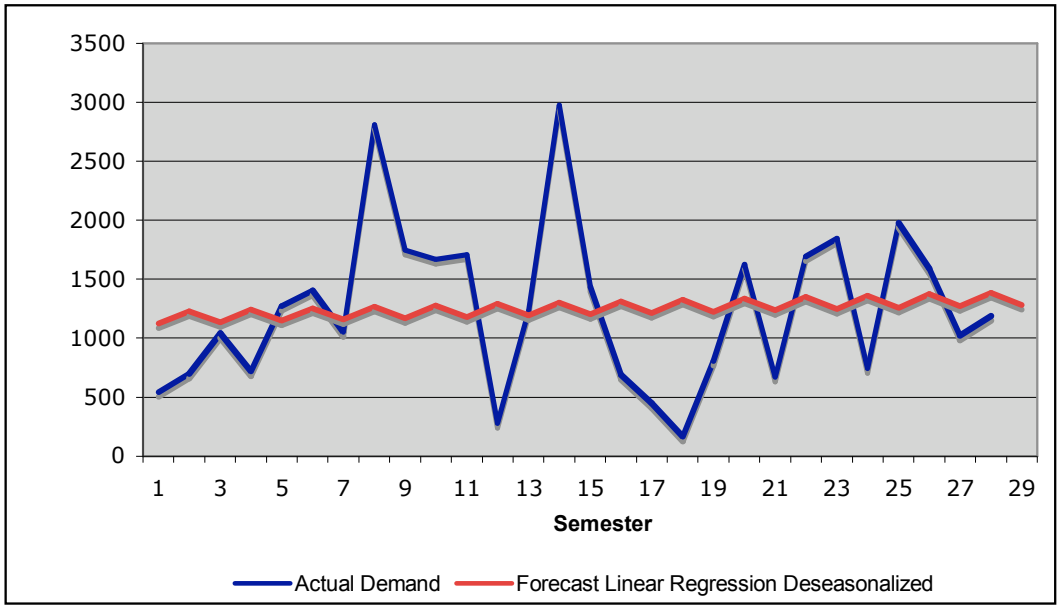


Figure 21 Forecast for part number 827-1538 (Semester - Seasonality but no trend)

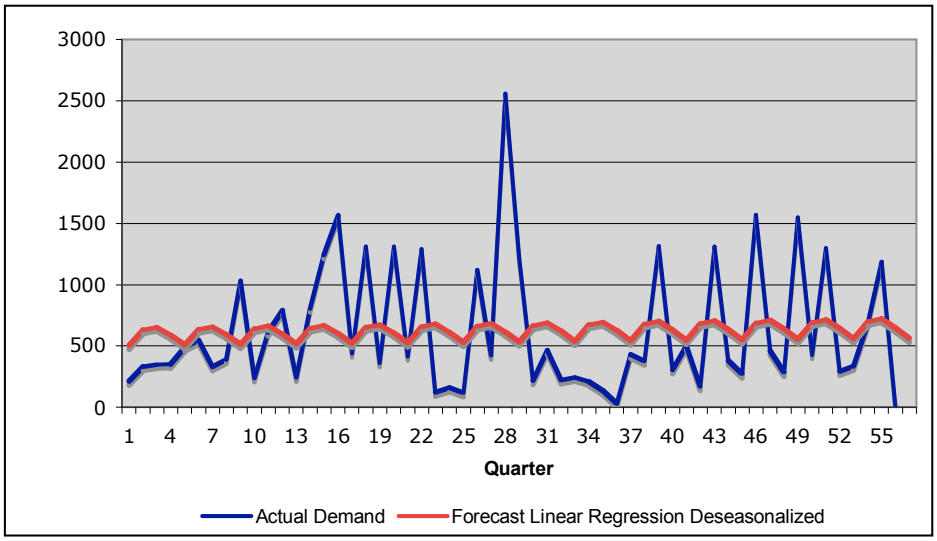


Figure 22 Forecast for part number 827-1538 (Quarter - Seasonality but no trend)

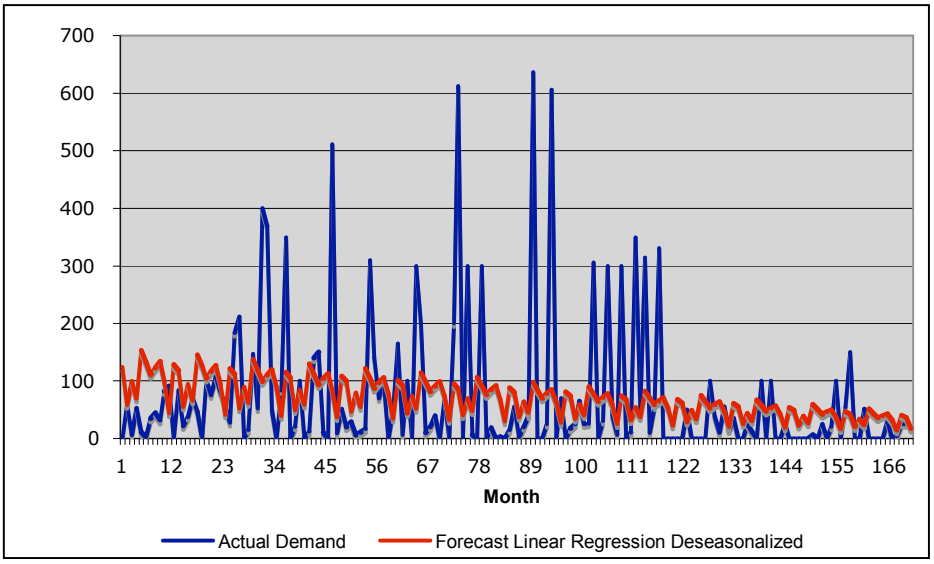


Figure 23 Forecast for part number 6G3-1455037 (Monthly - Seasonality but no trend)

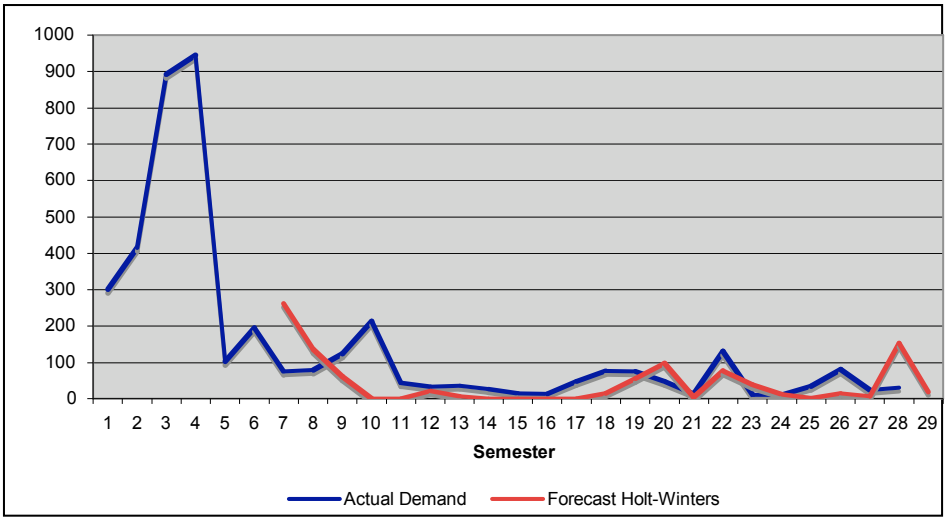


Figure 24 Forecast for part number 6G3-1455037 (Semester - Seasonality but no trend)

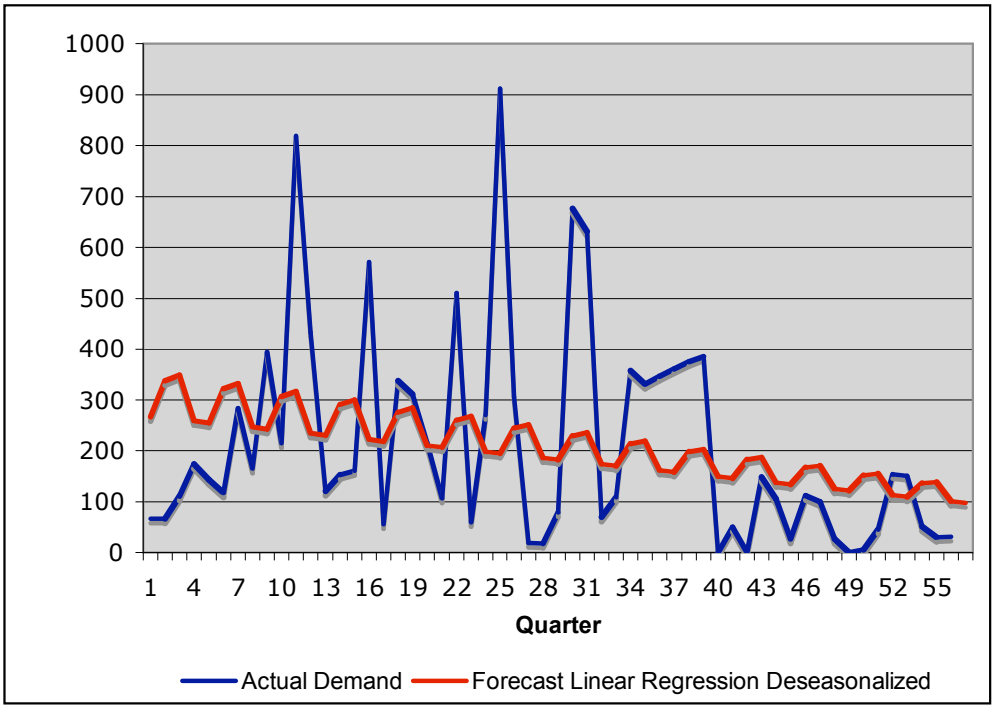


Figure 25 Forecast for part number 6G3-1455037 (Quarter - Seasonality but no trend)

Part Number 0001-129 is an example of a time series that the model identified as to having neither seasonality nor trend. In this case, only single exponential smoothing forecasting was applied, the results of this are shown in Figure 26.

This forecast turned out to be better than the naïve method, and graph shows that it does reach quickly to the changes in the data providing a middle ground forecast.

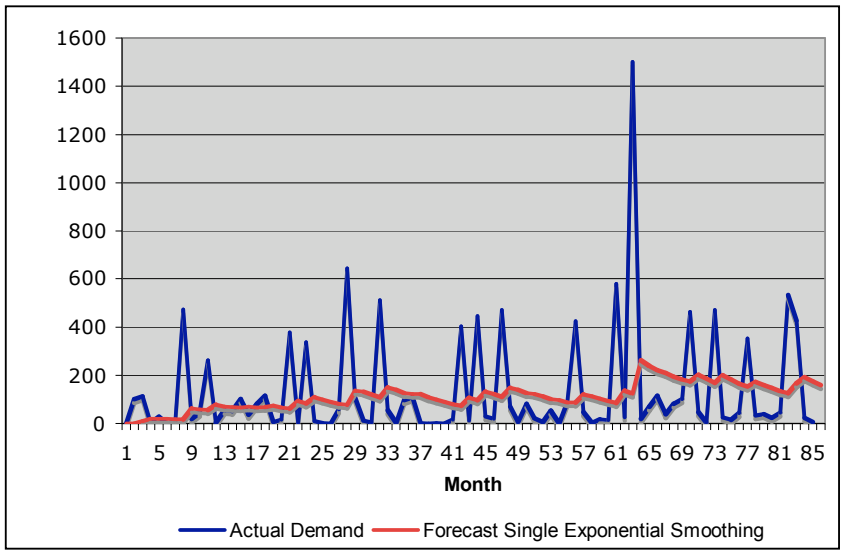


Figure 26 Forecast for part number 0001-1129 (Neither seasonality nor trend)

Figure 27 shows part number 0001-1104 which has the same pattern as 0001-1129, but in this case the forecast was not better than the naïve method. It is not surprising that this forecasted did not result effective since there are not many data points.

In addition to this, this part number has a 470.50% volatility, which also explains why the model did not provide a valid forecast.

In the following page, Figure 28 shows the results for part number 827-0100, this data showed seasonality and trend.

Therefore, the methods applied in this case are: Simple moving Average, Weighted Moving Average, and Holt-Winters. The best forecast in this case is the weighted moving average, which also outperformed the naïve forecast.

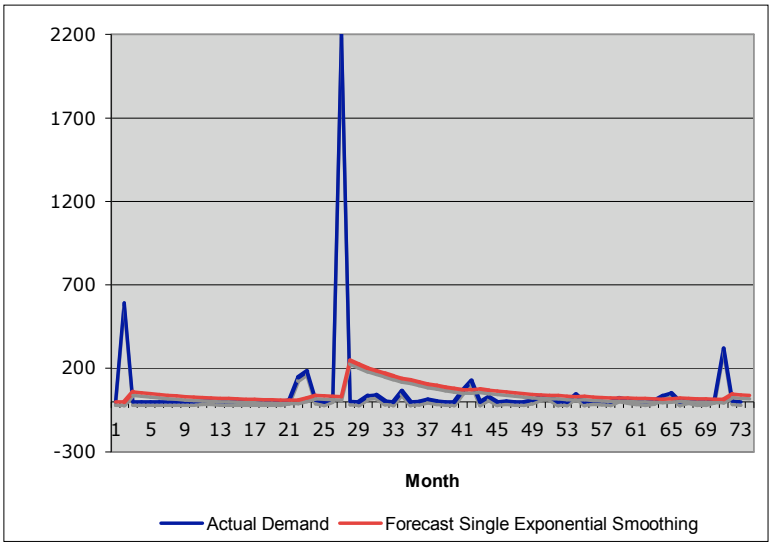


Figure 27 Forecast for part number 0001-1104 (Neither seasonality nor trend)

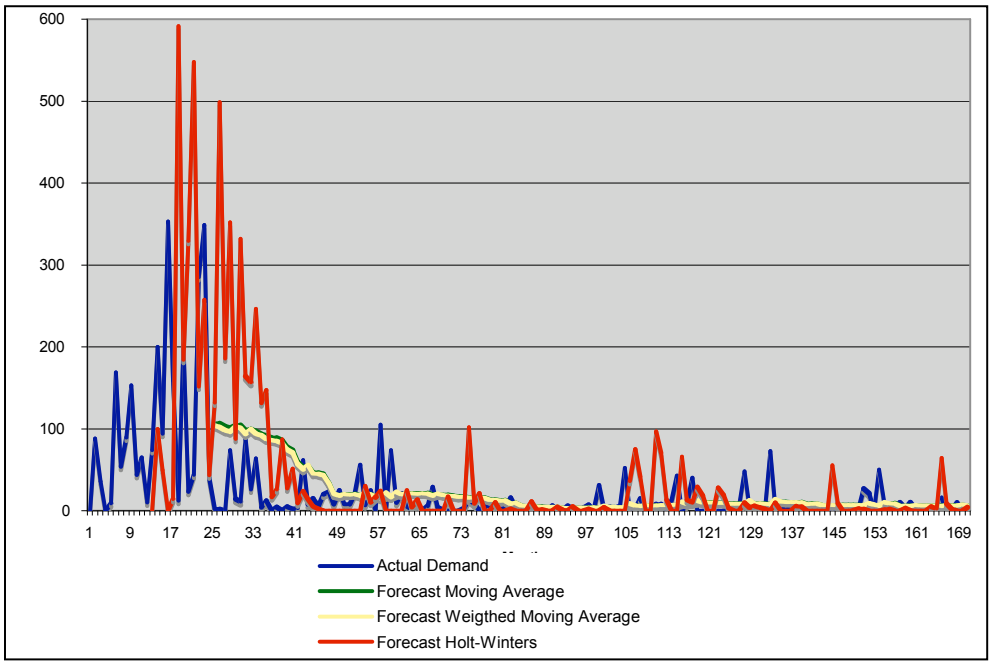


Figure 28 Forecast for part number 827-0100 (Monthly) - Seasonality and trend)

Out of 168 part numbers forecasted, a total of 50 (29.8%) parts did not produce a forecast that is better than the naïve forecast. It is important to mention that the average volatility is higher in those part numbers where the model was not able to find a forecast better than the naïve method.

The average volatility of the part numbers with a forecast better than the naïve method was 404.7%, while in those cases where the forecast was not better than the naïve method the average volatility was 445.0%.

On the other hand, the calculations of tracking signals showed that the forecast for only 22 part numbers do not need to be reviewed. In this case, management will have to analyze the results and increase or decrease the forecast according to the common knowledge of the business.

Tables 3 and 4 show the summary of the results of the forecasts applied. The best results in this case correspond to the intermittent data, where in 72% of the cases the forecasts were

better than the naïve method.

Among the forecasts applied to the intermittent part numbers the Approximation to Croston had the best performance with a 62% of best forecasts.

It is also important to mention that there were no part numbers that presented trend but no seasonality, and therefore there is no data available in that case.

The next best performer outside the intermittent forecasting methods in this case is the Linear regression deseasonalized, which had 67% of forecasts better than naïve, although this might not be significant because this method was the only one applied to 6 series.

Table 3 Forecasting results summary - Automatic mode

Forecasting Method	Total part numbers	% Best forecast	% Better than Naïve	% Do not require revision
Croston	157	13%	80%	0%
Approximation to Croston	157	62%	65%	7%
Modified Croston	157	25%	85%	8%
Linear Regression for deseasonalized data (*)	6	100%	67%	100%
Simple Moving Average	1	0%	0%	0%
Weighted Moving Average	1	100%	0%	0%
Single exponential smoothing (*)	4	100%	25%	50%
Holts-Winters	1	0%	0%	0%

(*) Forecasting method is the only method applied to a set of part numbers, reason for which is 100% best forecast.

Table 4 Forecasting results by Data Characteristics - Automatic mode

Data Characteristics	% Forecast better than naïve	% Forecast do not need review
Intermittent	72%	9%
Seasonality and trend (*)	0%	0%
Neither seasonality nor trend	25%	50%
Seasonality but no trend	67%	100%
Trend but no seasonality (**)	N/A	N/A

(*) Only one part number fit into this category
(**) No part numbers fit into this category

Internal Validation - With User Input

The user input in this case refers to modifications in the intermittency, seasonality, and trend results per part number in the database. Once the data patterns are altered, the database applies different forecasting methods. Six different scenarios were run:

1. Various changes in the intermittency, seasonality, and trend based on the user's common sense.
2. All part numbers set as intermittent
3. All part numbers set as to have seasonality and trend
4. All part numbers set as to have neither seasonality nor trend
5. All part numbers set as to have seasonality but no trend
6. All part numbers set as to have trend but no seasonality

The results of each of these modes is shown in Table 13 located in Appendix C.

For the first scenario, there were several changes performed to the intermittent, seasonality, and trend properties of those part numbers that did not provide a accurate forecast during the automatic mode. The detailed explanation of those changes is shown in Table 10 in appendix C, and the summary of those changes is shown in Table 5 below, indicating that the most changes were performed to the intermittent condition of the data series, followed by seasonality and trend.

Tables 11 and 12 in the appendix C show the results for the forecasting and inventory models when the user input is included in the database. After the user input mode was completed, the other modes were run by forcing the database to run the forecasts based on the scenarios mentioned before.

Figure 29 shown in the following page summarizes important data obtained after all the run modes were finished. At first glance, it seems that the user input mode had an advantage with a bigger percentage of forecasts better than the naïve method. Therefore, in this case, the inclusion of user input can improve the accuracy results of the model over the automatic mode. Another significant finding in this figure is that there is not much difference in the percentage of the better than naive forecasts results for all of the other modes (excluding user input).

Most of the forecasts in all of the run modes required review by management, and the scenario when all the data series were forced to seasonality and no trend showed the best results in this case.

Although, it seems contradictory, it is possible to have a forecast better than the naïve method with a tracking signal that indicates that management has to take a second look at the forecast.

Table 5 Summary of Changes for User Input Mode

Change type	Number of changes	% of Total Part Numbers
Change to intermittent condition	31	18.5%
Change to seasonality	24	14.3%
Change to trend	13	7.7%

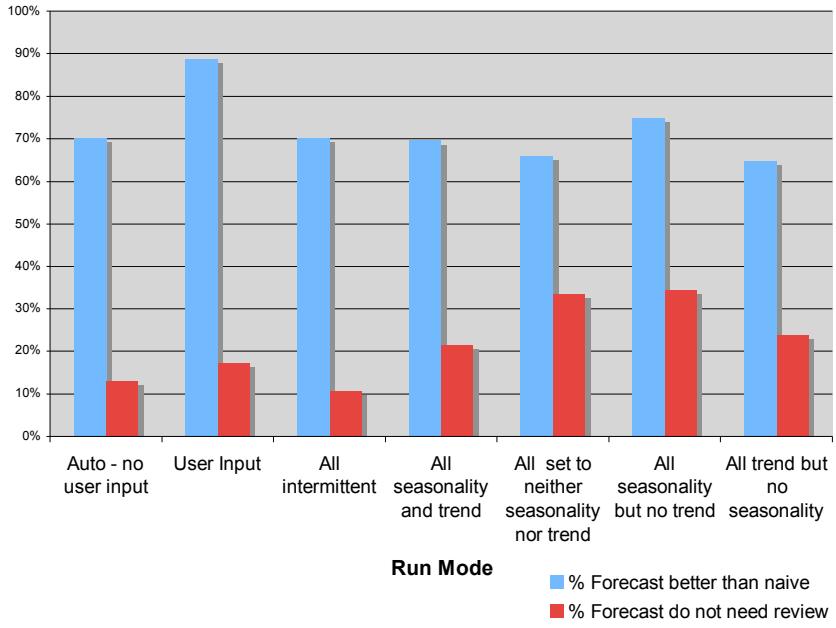


Figure 29 Run Modes Results Summary

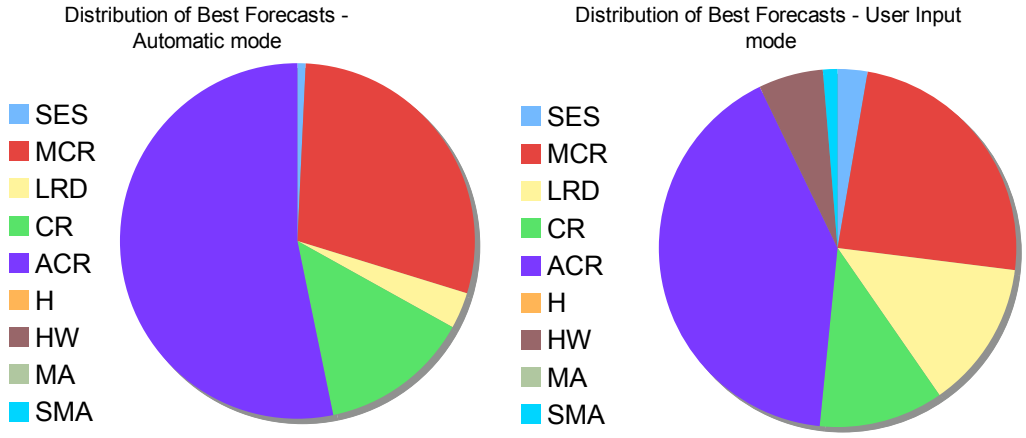


Figure 30 Comparison of the Distribution of Best Forecasts

Another significant finding after applying the different run modes is related with the intermittent data. As shown in Figure 30, the Approximation to Croston method has a significantly larger percentage of forecasts better than the naïve method both in the automatic mode and in the user input mode. This pattern was repeated when all the data was forced to be intermittent, where the Approximation to Croston method had a 54.2% of all the forecasts better than naïve.

Figure 31 shows as well interesting information about the accuracy of the forecasts obtained. This figure shows an improvement of the average mean absolute deviation (MAD) across all forecasts in the model compared to the naïve method, regardless of whether the model is run with or without user input. The mean absolute deviation was chosen to perform this comparison since it is the measure of accuracy used in the inventory calculations.

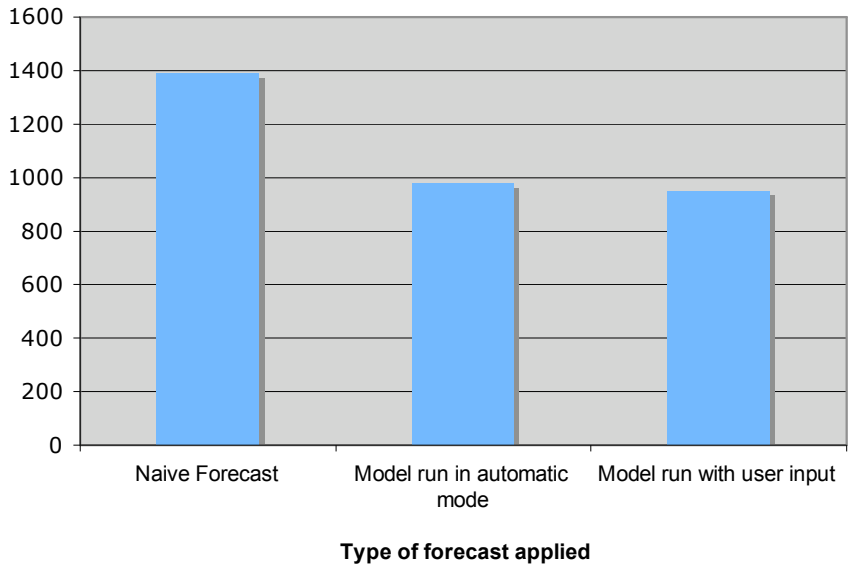


Figure 31 Average MAD for Best Forecasts comparison

Inventory model Results

The inventory calculations were run in the database both in automatic mode and with user input, in both cases parameters for re-order level and re-order cycle policies were calculated. The results of these calculations are shown in the tables 9 and 12 located in the appendix C.

The results of the inventory model were more difficult to evaluate given that the only data available in this case are the sales records, there is no information available about inventory levels and actual inventory policy for the part numbers analyzed. In addition to this, all costs in this case were assumed, and as well the costs per unit of each part number are not the actual ones. As it was mentioned before, the company that provided the information modified the costs per unit in order to keep this information confidential.

Therefore, the analysis of the inventory results can be done to an extent, and it should be included in future research where more information is available.

Nevertheless, the total annual stocking cost (TSC) was calculated for each of the inventory policies, and the results are shown in the table # 6 shown in the next page.

It is important to mention that inventory parameters are not calculated in the database for those part numbers in which the model was not able to output a valid forecast. Then, in order to calculate the TSC for those part numbers, the total cost was calculated assuming that they would use the naïve forecast.

Now, when the naïve forecast was applied to all the part numbers and the inventory parameters were calculated, it was noticed that most of the naïve forecasts were zero. These calculations were performed in February 2009, so the naïve forecast for February would be the actual demand observed in January 2009. It is not surprising that most of the part numbers did not present orders during the month of January 2009, first the situation of the current economy would naturally have diminished the demands, and as well January would not be a typical month for this industry for placing a great deal of purchase orders.

Table 6 Summary of Total Annual Stocking Cost per Inventory Policy

	TSC			Average TSC	
Forecast	**Re-Order Level**	**Re-Order Cycle**	**# of Parts with valid inventory policy**	**Re-Order Level**	**Re-Order Cycle**
Using naïve forecast	$5,554.98	$5,554.98	26	$213.65	$213.65
Using Model run in automatic mode	$14,204.48	$12,982.83	125	$113.64	$103.86
Using Model run with user input	$15,909.19	$14,476.96	138	$115.28	$104.91

The implication of a forecast of zero units are no inventory policies, and the formulas for TSC are not applicable, there is no need to keep in stock a product that is not going to be sold.

These considerations explain why the TSC is lower for the naïve forecast, since there are less part numbers with a valid inventory policy based on a forecast different than zero. In order to compare the TSC among the scenarios, it was calculated an average TSC per unit, which resulted in lower costs when the model is applied in comparison to the naïve forecast.

These calculations are performed just as a simple reference, and they not offer clear proof that the model developed outputs improved inventory policies. Further research with actual data has to be performed in this matter.

External Validation

As it was mentioned in the methodology chapter, the internal validation of the model in this case is only done in the forecasting part of it. The validation is performed using the data available from the M3 competition published by the International Journal of Forecasting.

Only the 474 monthly time series from the Micro category were used in this case. The Table 14

in appendix C shows the official results of the M3 competition for the Micro category, these results are available online and can be accessed as well by the link provided in the list of references located at the end of this document. As well, the Table 15 in appendix C shows the results of the analysis after M3 data was included in the database and the calculations were performed.

Small modifications were performed in the database in order to fit the M3 data, as well additional procedures were included to calculate the symmetric MAPE, which is the measure of accuracy used in the M3 competition.

None of the M3 series were recognized by the database as being intermittent, which is correct, since the data shows quantities different than zero for each of the months which have also a perfect inter-demand interval of 1 month.

The average symmetric MAPE obtained in the database for the M3 data was 19.65, with 96.84% of the forecasts obtained better than the naïve method. The official results of the competition showed results for 24 forecasting methods, in which the best average symmetric MAPE for the Micro monthly series was 22.4 for the "SMARTFCS" forecasting method, the highest average symmetric MAPE in the competition was 33.5 for the "ROBUST-TREND" forecasting method. Since a minimum symmetric MAPE is preferred, the model used in the database presented the best sMAPE in this case.

Now, the difference between 19.65 and 22.4 is not too big, and this might not be significantly different. As well, the fact that the model seems to outperform the results of the competition in the Micro monthly data sets does not mean that it will outperform again in the other datasets.

What can be concluded from this validation, is that the model proposed in this document does draw strength from selecting and combining different forecasting methods to a set of data for multiple part numbers. In the case of the M3 competition, a single forecasting method was applied to all the part numbers available, and that could be a factor that influences the results in this case.

Risk Assessment

There are several weak points in the model proposed that can be improved in future research:

1. No relationships among the demand of different spare parts were analyzed.
2. The assumption of normality might not be applicable in all cases and the model does not include a verification of the statistical distribution. Intermittent demand would be more likely to have a different distribution.
3. Inventory analysis is the weakest part of the model, only the two most basic inventory models are included and therefore several real life constrains are ignored, such as quantity discounts and warehouse limitations.
4. The opportunity costs for the inventory models was not calculated in the analysis.
5. Validate the model using real inventory costs such as cost to order.

Given these weak points in the current model, management has to be aware of the results, and still use common sense at the time of using the results provided, as usual the results of mathematical formulas as not as good as when they are mixed with business savvy.

CHAPTER V

CONCLUSIONS AND RECOMMENDATIONS

The results of this research are going to be evaluated based upon the objectives proposed in Chapter I.

The main objective of this research was to address the problem of creating an effective inventory policy for spare parts that provides managers with an efficient system to facilitate decision-making. This research developed a forecasting and inventory management system with capability to capture raw data, reformat if necessary, identify patterns, and then transform it into meaningful information to improve the decision making process. The main outputs of the system are inventory policies based upon forecasts that were calculated using the analyzed and transformed sales data.

It was also proposed that this main objective had to be evaluated in terms of effectiveness and efficiency. The issues associated with effectiveness were the following:

1. Selection of pertinent inventory and sales data

The model proposed the Pareto methodology to be used as the main criteria for selection of part numbers to be included in the analysis. The Pareto was slightly modified as to include the total monetary value in sales, the average amount ordered, the number of orders, and the lead-time. In this way, those part numbers that don't have a significant monetary value but are critical to the company for reasons like an extremely long lead time can be included in the analysis.

The advantage of the use of Pareto in the model is that management in general is familiar with the methodology. In turn, it is easier to explain the model and gain the support of management.

2. Selection of the forecast method which is most suited for the item in question

In summary, there are three main points that were identified as being significant for the selection of the forecast and the inventory model:

- Whether the demand is dependent or independent.
- Trends, cycles, and seasonality.
- Intermittency.

A decision model was developed, where data was classified into intermittent, or non-intermittent, the inter-demand interval was used to identify the intermittency of the demand.

Then, the non-intermittent data was analyzed for seasonality and trend using the coefficient of correlation, which provides a numerical indicator of the relationship among months and seasons in the data set.

Based upon these characteristics, the forecasting models were selected using the following guidelines:

- Seasonality and trend: Simple moving average, weighted moving average, and Holt-Winters.
- Neither seasonality nor trend: Single exponential smoothing
- Seasonality but no trend: Linear regression for deseasonalized data
- Trend but no seasonality: Simple moving average, weighted moving average, and Holt linear.
- Intermittent data: Croston, Modified Croston, and Approximation to Croston

These guidelines were developed based upon information available on the literature about the capabilities of each forecasting methods regarding data patterns.

The issues associated with efficiency were the following:

1. Performance of the analysis of the data, given its characteristics

The performance of the analysis of the data was evaluated using internal and external validation. The internal validation was performed using real sales data, and during this validation, the model was run in seven different scenarios that varied the amount of user input, and it modified the selection of the forecasting methods based on the characteristics observed in the data. The results of this validation showed that if the model is run in automatic mode and then combined with user input it could achieve almost 90% of forecasts better than the naïve method. In the case of Cubic, this represents a great improvement in the accuracy of the information provided to management since this company currently uses an equivalent of the naïve method to forecast.

An external validation was also performed using the series provided by the M3 competition. In this case, the model provided an average sMAPE of 19.65 for the monthly "Micro" series, which outperforms the best results obtained in the competition for this category.

2. Performance of the selected forecast method.

The accuracy of the forecasts was measured by using several tools: Mean Square of Errors (MSE), Mean Absolute Deviation (MAD), Mean Absolute Percentage of Errors (MAPE), and the symmetrical Mean Absolute Percentage of Errors (sMAPE).

It was found that not all the measures of accuracy apply to all sets of data. For example, the MAPE is not as valid for intermittent demand, and this is the reason for which the MSE was used to select the best forecast method for each part number, since it provides a more robust measure of the magnitude of the errors in the forecasts.

The Mean Absolute Deviation was included in the inventory calculations, as it provides a direct conversion to the standard deviation of the forecasting errors; this was also modified by a factor to compensate for those cases where the lead-time was different from the forecasted period.

Finally, the sMAPE was not included in the model per se, but it was used to validate the model

with the M3 competition data.

An important point with respect to forecasting accuracy was made by Shedlawski; he stated that the important thing to consider here is not the actual value of the accuracy measures, but the understanding of the forecasting method and the results. The important thing to remember is to have a system perspective of where the data is coming from and where this information is going to be used on (88).

The tracking of the performance of the forecast was included in the model by the calculation of a tracking signal that advise management on whether the forecast should be reviewed or not.

Finally, lets review the contributions to the body of knowledge of this research

1. The development of a decision model that provides a simple structured approach to forecasting and inventory for finished products using existing simple methods. Thus, using the current knowledge in a different approach.

   The model was developed using the most basic models for forecasting and inventory management. This model was submitted to internal and external validation. The internal validation was performed by using real industry data provided by the company Cubic. The external validation was performed by using the Micro monthly time series provided by the M3 competition published by the International Journal of Forecasting. It was determined that further validation is required for the inventory management part of the model, due to the lack of actual costs.

2. Provide further validation with actual data to the intermittent demand models: Modified Croston, and an approximation to Croston by Synthetos and Boylan.

   Three of the scenarios in which the model was run provided validation for the Croston method and its variations: the automatic mode, the user input mode and the scenario where all the part numbers were set to an intermittent pattern. All of these calculations were

performed with actual sales data.

In all of those three scenarios, the Approximation to Croston forecasting model developed by Synthetos and Boylan provided the most accurate forecasts and the biggest proportions of forecasts that outperformed the naïve method.

It is important to mention that the M3 competition data was not used to validate the Croston methods because the data did not present any intermittency at all.

3. Extend the current research in the selection of forecasting methods based on sample criteria using real industry data.

The model developed selects the forecasting method based on basic calculations that determine the patterns of the time series for each part number. As it was mentioned before, the model was validated using real data from industry and showed acceptable results for the forecasting methods, reaching an 88.7% of forecasts better than the naïve method when the model is run with user input. In the case of the company Cubic, this is an improvement of 88.7% in the forecasting accuracy.

The external validation performed using the data from the Micro monthly time series of the M3 competition also showed an advantage of the selection of the forecasts in the model, since the model obtained an average sMAPE of 19.65, and the best forecast for this series obtained in the competition was 22.4.

Now, this research is not claiming that the 19.65 is significantly different from the 22.4 obtained during the M3 competition. This is just proving that the forecasting model is as good as the best forecast method used in this competition. Also, this shows that an organization can actually benefit from using a mixed set of forecasting models to a data set instead of using a single model for all part numbers.

In summary, the present research contributes to the body of knowledge in three ways:

1. The development of a decision model that provides a simple structured approach to forecasting and inventory for finished products using existing simple methods. Thus, using the current knowledge in a different approach.
2. Providing further validation with actual data to the intermittent demand models: Modified Croston, and an approximation to Croston by Synthetos and Boylan.
3. Extend the current research in the selection of forecasting methods based on sample criteria using real industry data. It demonstrates that a classification scheme is very much relevant in a large-scale inventory management system.

Future research is needed for the improvement of the procedures within the information system to increase the accuracy and relevance of its outputs. Specific improvements include the following:

- Analysis of the probability distributions for each part number. Most of the forecasting methods analyzed assume normality as the distribution of the demand. In the scenario of intermittent demand, this might not be the case all the time. To determine the actual distribution of the demand opens new possibilities in the analysis for inventory and forecasts. For example, a probability of stock out would be possible and more accurate if the actual distribution of the demand is known.
- Analysis of the relationships among the demands of different time series. This is important because the sale of some products might affect the number of orders placed for other products. The understanding of these relationships can lead to forecasts that are more accurate. This research only analyzed the relationship of demand with time (time series forecasting).
- Extended external validation with more actual data from more industry sources. This will prove that the model is not only valid for the data set used in this research, and can show more opportunities for improvement that were not identified in this case.
- Validation of the inventory models with actual costs such as cost to order, actual costs per unit/order, and the inclusion of the opportunity costs. The inventory models cannot be properly validated without actual costs, the cost to order, cost per unit/order and the addition of other real inventory costs will provide a clear picture of actual improvements

and will provide more information to improve the models. The inclussion of the actual costs per unit/order will give a more realistic idea of which products are important to be analyzed, and the inventory costs will provide more realistic results in the inventory policies. In addition, the opportunity costs are an important part of the evaluation of any inventory policy; management can use this information to select the best model.

- Add a change log for the database, this log would register the changes made by users and ensure the transfer of valuable knowledge through different users.
- Include the orders to replace failed products and verify the impact of this in the results.

LIST OF REFERENCES

LIST OF REFERENCES

Abraham, Bovas, and Johannes Ledolter. Statistical Methods for Forecasting. Wiley series in probability and statistics. Hoboken, N.J.: Wiley-Interscience, 2005.

Aft, Lawrence S. Production and Inventory Control. San Diego: Harcourt Brace Jovanovich, 1987

Armstrong, J. Scott. Principles of Forecasting: A Handbook for Researchers and Practitioners. Boston: Kluwer Academic Publishers, 2001.

Axsäter, Sven. Inventory Control. International Series in Operations Research & Management Science, 90. Springer E-Books. Boston, MA: Springer Science+Business Media, LLC, 2006.

Boylan, J. E., and A. A. Syntetos. "The Accuracy of a Modified Croston Procedure." International Journal of Production Economics. 107. 2 (2007): 511-517

---. "The Accuracy of Intermittent Demand Estimates". International Journal of Forecasting. 21. 2 (2005): 303-314.

---. "On the Bias of Intermittent Demand Estimates." International Journal of Production Economics. 71. 1 (2001): 457.

Boylan, J.E., A.A. Syntetos, and G.C. Karakostas. "Classification for forecasting and stock control: a case study". Journal of the Operational Research Society. 59 (2008): 473-481.

Brown, Robert G. Statistical Forecasting for Inventory Control. New York: McGraw-Hill, 1959.

Chambers, John, Satinder K. Mullick, and Donald D. Smith. “How to choose the right forecasting technique”. Harvard Business Review. 49 (1971): 45-70.

---. An Executive's Guide to Forecasting. New York: Wiley, 1974.

Croston, J.D. "Forecasting and Stock Control for Intermittent Demands". Operational Research Quarterly. 23 (1972): 289-303.

Davenport, T.H., and Prusak L. "Working Knowledge: How organizations manage what they know". Ubiquity. 1.24 (2000).

Donath, Bob. The IOMA Handbook of Logistics and Inventory Management. New York: J. Wiley and Sons, 2002.

Fildes, R., P. Goodwin, and M. Lawrence. "The Design Features of Forecasting Support Systems and Their Effectiveness." Decision Support Systems. 42. 1 (2006): 351-361.

Gaither, Norman, and Greg Frazier. Operations Management. South-Western Thomson Learning, 2002.

Gardner, E. S. "Exponential Smoothing: The State of the Art - Part II. "International Journal of Forecasting. 22. 4 (2006): 637-66

Hammersley, J.M., and D.C. Handscomb. Monte Carlo Methods. London: Methuen & CO LTD, 1964.

Hax, Arnoldo C., and Dan Candea. Production and Inventory Management. Englewood Cliffs, N.J.: Prentice-Hall, 1984.

Heizer, Jay H., and Barry Render. Principles of Operations Management. Upper Saddle River, N.J.: Prentice Hall, 1995.

"IBM's flowcharting techniques". IBM. 1970. International Business Machine Corporation. 25 Aug 2008. < http://www.fh-jena.de/~kleine/history/software/IBM-FlowchartingTechniques-GC20-8152-1.pdf>

Jain, Chaman L. "Benchmarking Forecasting Models". The Journal of Business Forecasting. 24 (2006): 9-12.

Kiely, Dan. "The state of Pharmaceutical Industry Supply Planning and demand forecasting". The Journal of Business Forecasting. 23 (2004): 20-22.

Kim, H.-K., and J. K. Ryan. "The Cost Impact of Using Simple Forecasting Techniques in a Supply Chain." Naval Research Logistics. 50 (2003): 388-411.

Levén, E., and A. Segerstedt. "Inventory Control with a Modified Croston Procedure and Erlang Distribution." International Journal of Production Economics. 90. 3 (2004): 361-367.

Lewis, Colin D. Demand Forecasting and Inventory Control. New York: John Wiley & Sons, Inc., 1997.

Magee, John F. "Guides to Inventory Policy: I. Functions and Lot Sizes." Harvard Business Review 34.1 (Jan. 1956): 49-60. Business Source Premier. EBSCO. 2 Nov. 2008.<http://search.ebscohost.com.proxy.lib.utk.edu:90/login.aspx?direct=true&db=buh&AN=6773867&site=ehost-live>.

Makridakis, Spyros G. Forecasting, planning and strategy for the 21st century. New York: The Free Press, 1990.

Makridakis, S., and M. Hibon. "The M3-Competition: Results, Conclusions and Implications." International Journal of Forecasting. 16. 4 (2000): 451-476.

Makridakis, Spyros, Steven Wheelwritght, and Rob Hyndman. Forecasting Methods and Applications. New York: John Wiley & Sons, Inc. 1998.

"Money Market High Yield ($50K MMA) and savings account rates". Bankrate. 10 Feb. 2009..10

Feb. 2009. <http://www.bankrate.com/brm/rate/mmmf_highratehome.asp?params=US,416&product=36>

Montgomery, Douglas C. and Runger, George C. Applied Statistics and Probability for Engineers. John Wiley and Sons, 2007.

"M-3 Competition". Forecasting Principles. 27 Aug, 2008. <http://www.forecastingprinciples.com/M_competition/README.pdf>

Plossl, George W. Production and Inventory Control; Principles and Techniques. Englewood Cliffs, N.J.: Prentice-Hall, 1985.

"Results of the M3 Competition". Forecasting Principles. 4 Mar. 2009. <http://www.forecastingprinciples.com/m3-competition.html>

Saffo, Paul. “Six Rules for Effective Forecasting”. Harvard Business Review. 85 (2007): 122-131.

Shedlawski, Joseph F. Value-Added Forecasting. Proc. of APICS International Conf., October 13-16 1996. Virginia: APICS, 1996.

Sobol, Ilya M. A Primer for the Monte Carlo Method. Boca Raton: CRC Press, 1994.

Tayman, J., and D. A. Swanson. "On the Validity of MAPE As a Measure of Population Forecast Accuracy." Population Research and Policy Review. 18 (1999): 299-322.

Toomey, John W. Inventory Management: Principles, Concepts and Techniques. Materials management/logistics series. Boston [u.a.]: Kluwer Academic Publishers, 2000.

Wallace, Thomas F. Sales & Operations Planning, The How-to Handbook. T.F. Wallace & Company, 2004.

Wheeler, Donald J. Understanding Variation: The Key to Managing Chaos. Knoxville, Tenn: SPC Press, 1993.

Willemain, T. R., C. N. Smart, J. H. Shockor, and P. A. DeSautels. "Forecasting intermittent demand in manufacturing: a comparative evaluation of Croston's method." International Journal of Forecasting. 10. 4 (1994): 529.

APPENDIXES

Appendix A: General Decision Model

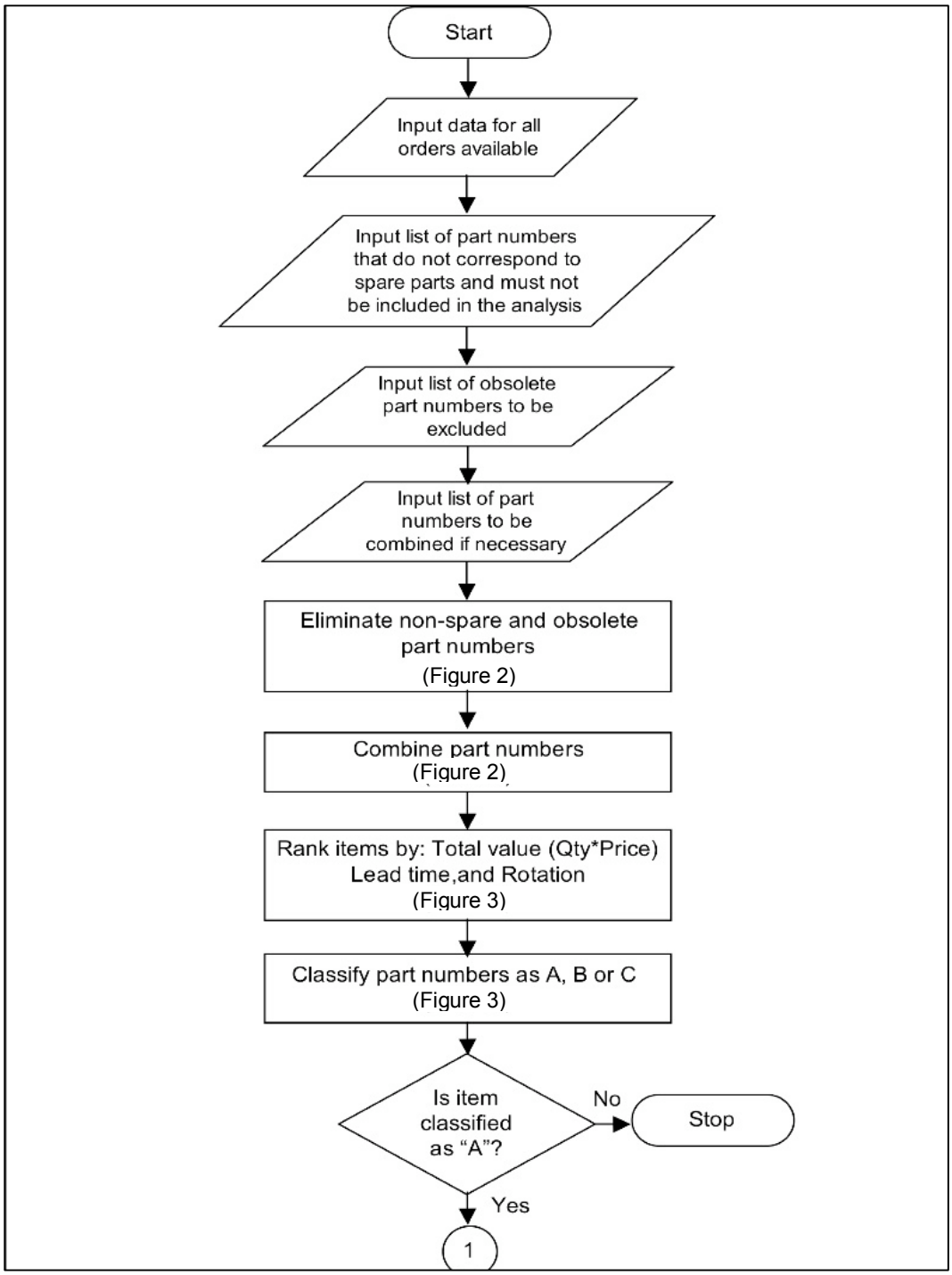


Figure A- 1 General Model

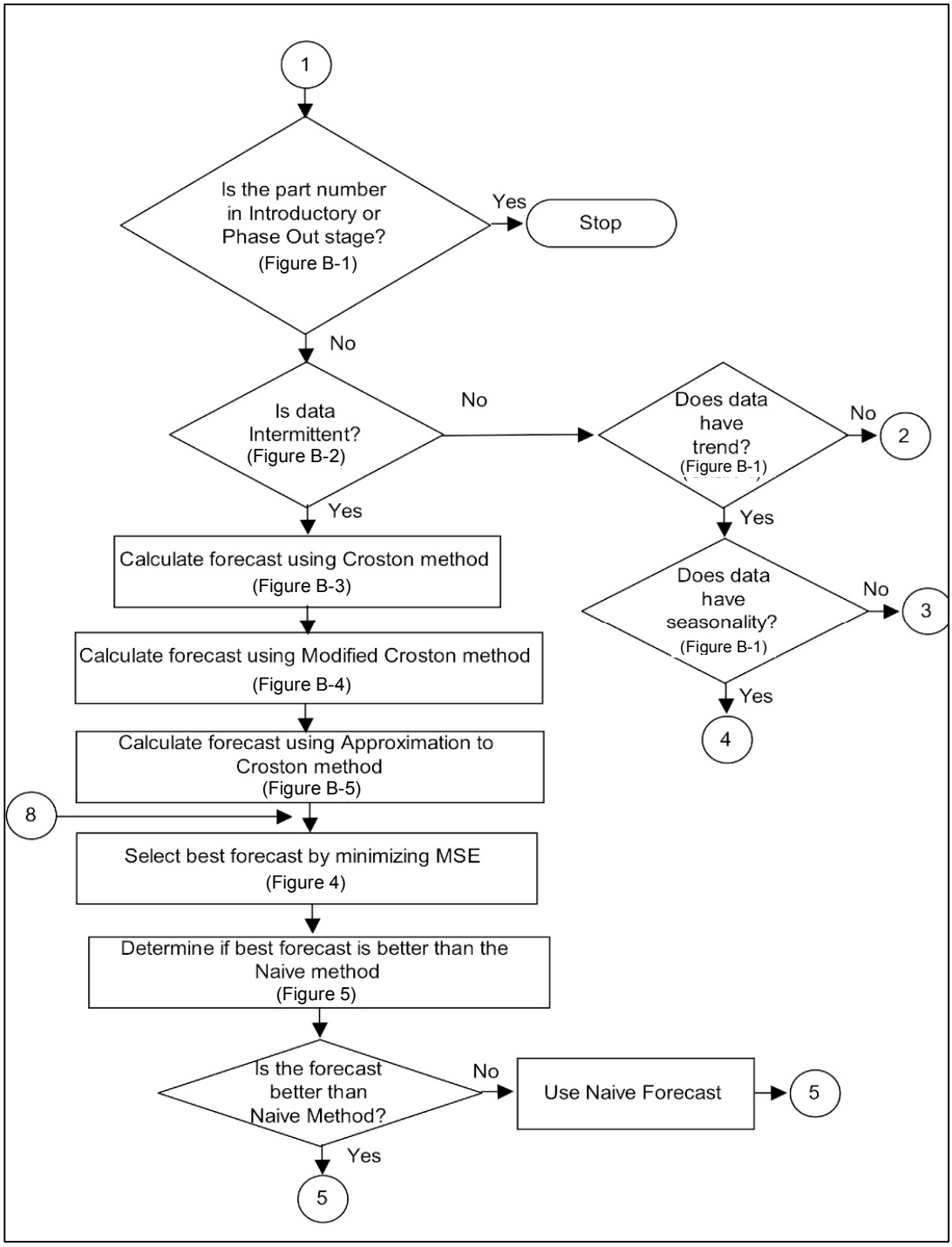


Figure A-1. Continued

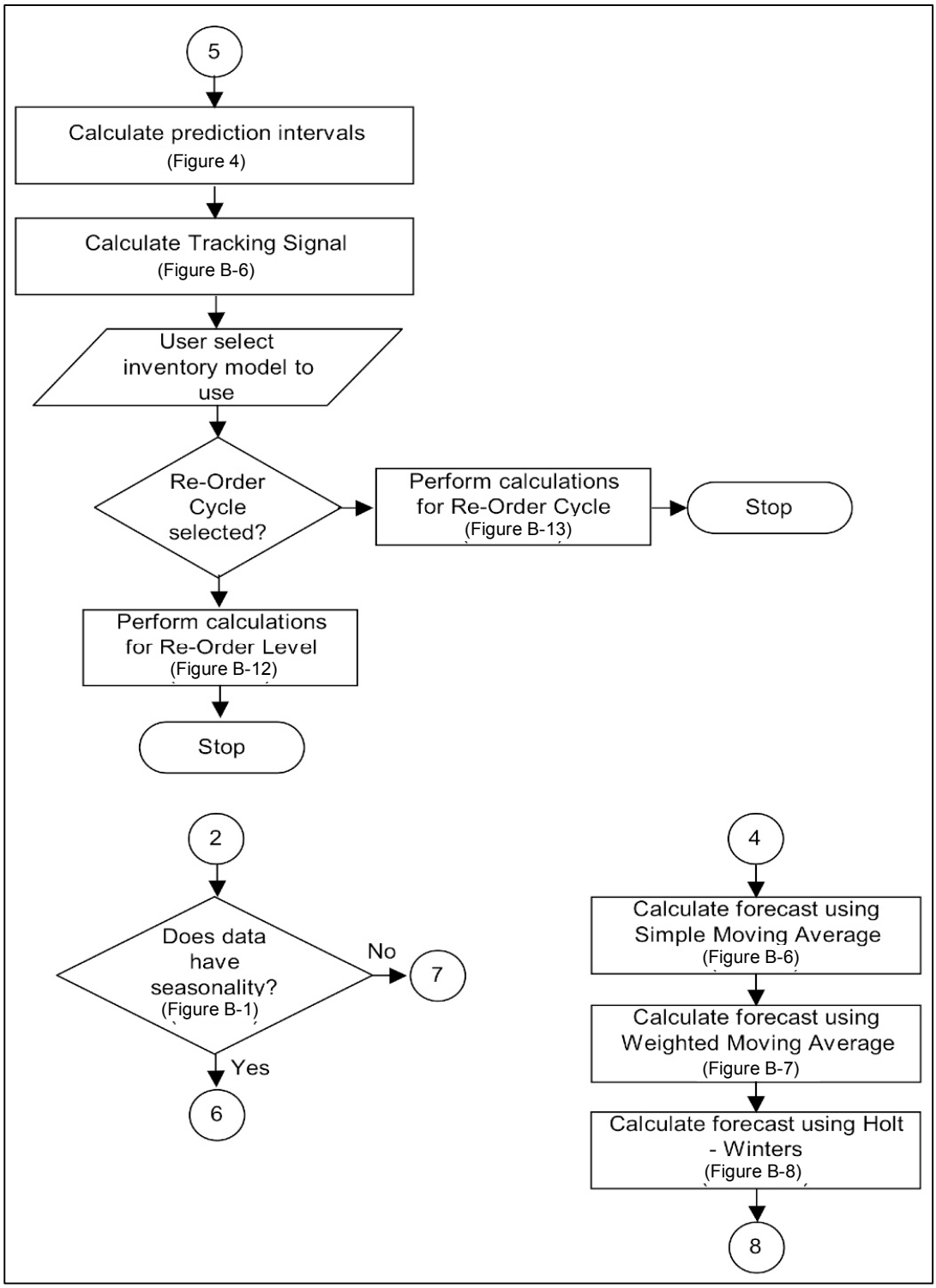


Figure A-1. Continued

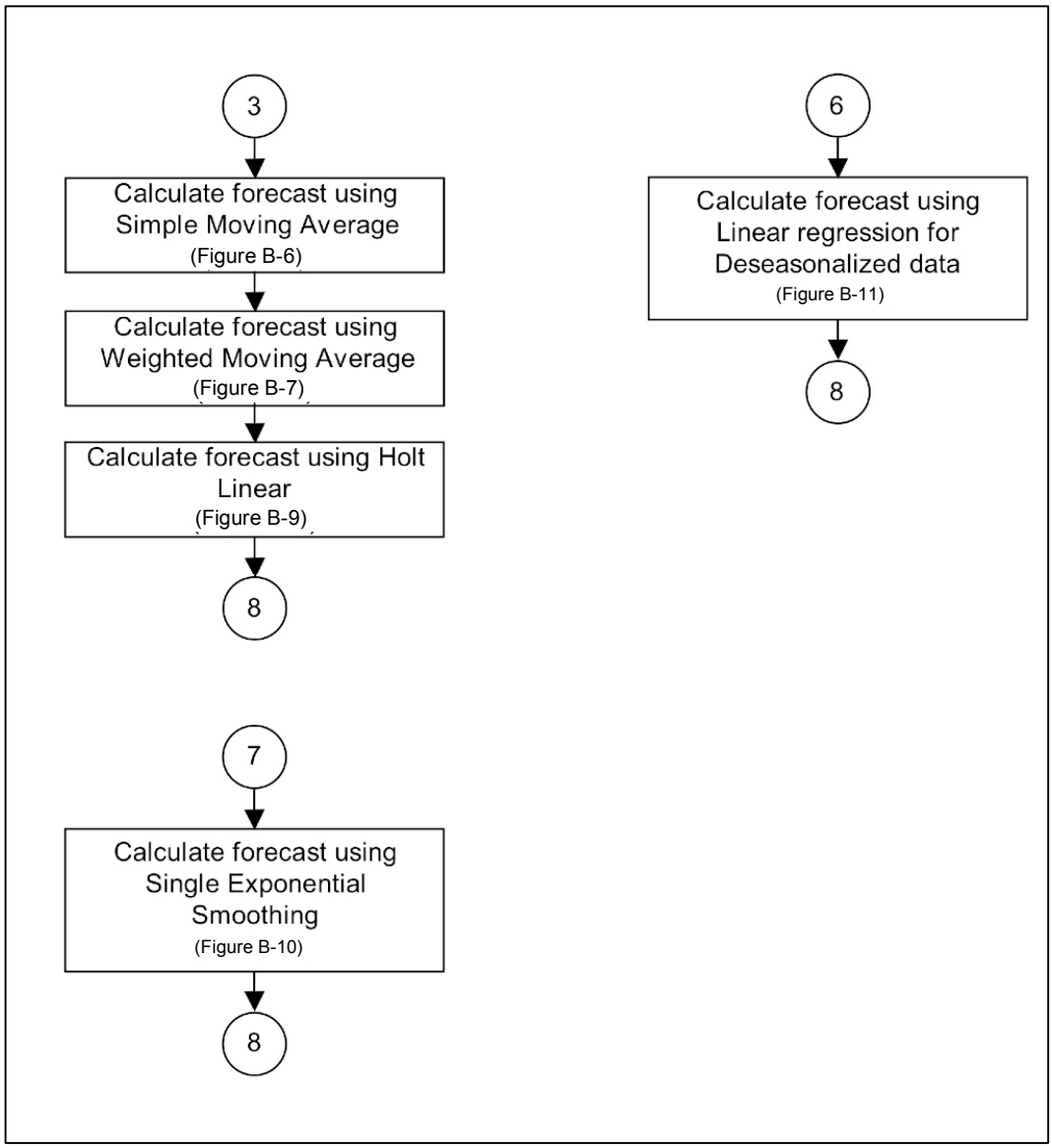


Figure A-1. Continued

Appendix B: Decision Model Detailed Flowcharts

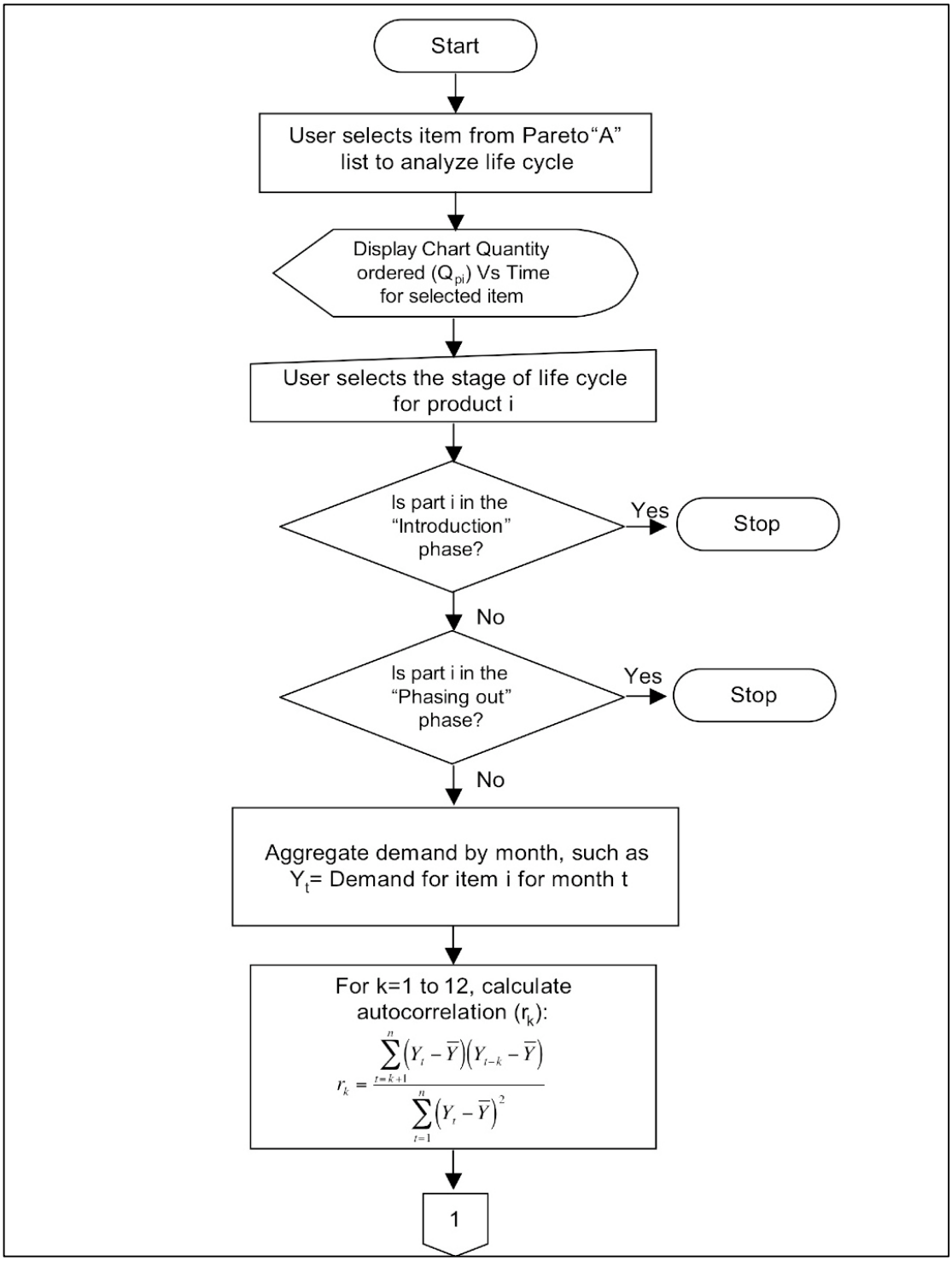


Figure B- 1 Life Cycle / Trend / Seasonality

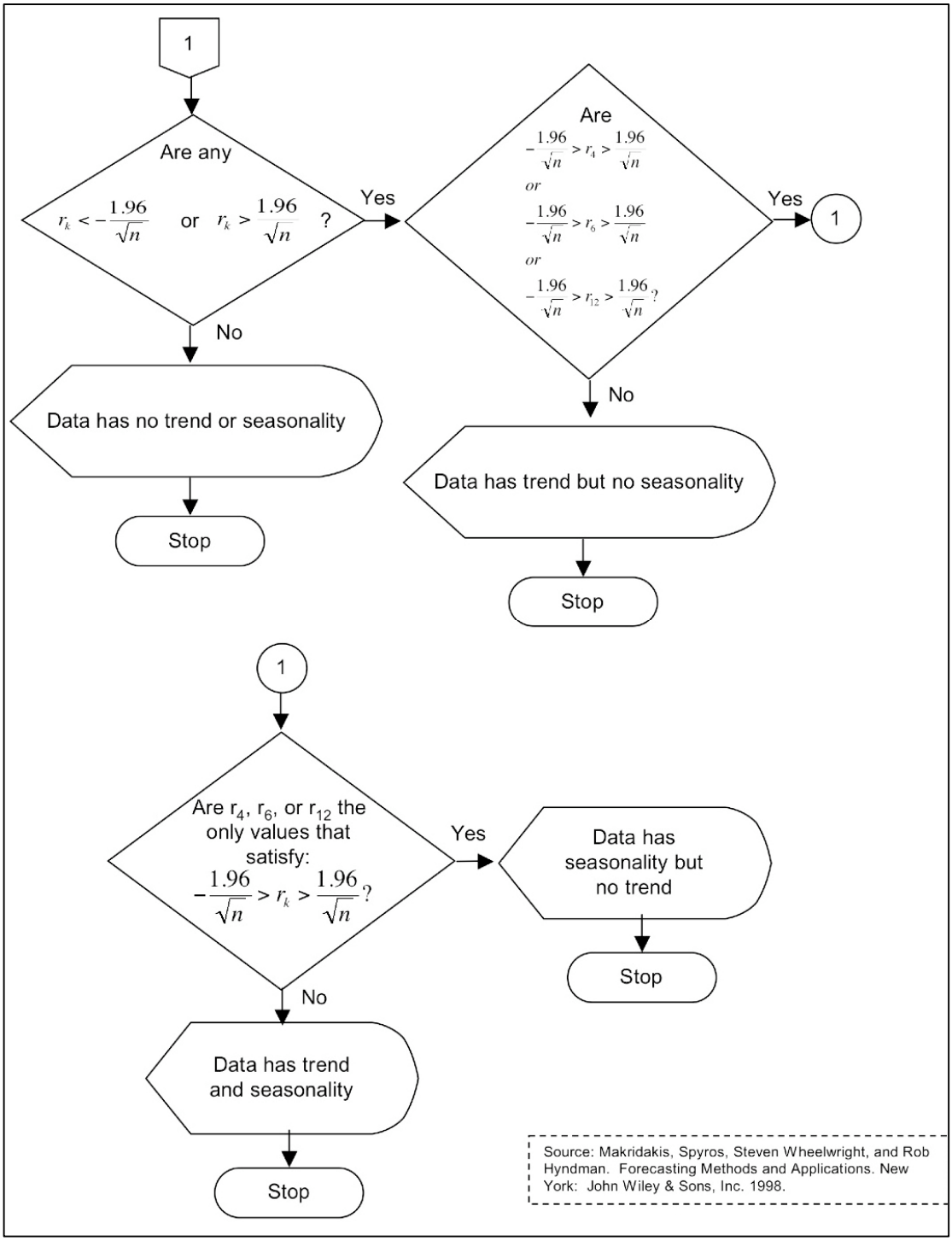


Figure B-1. Continued

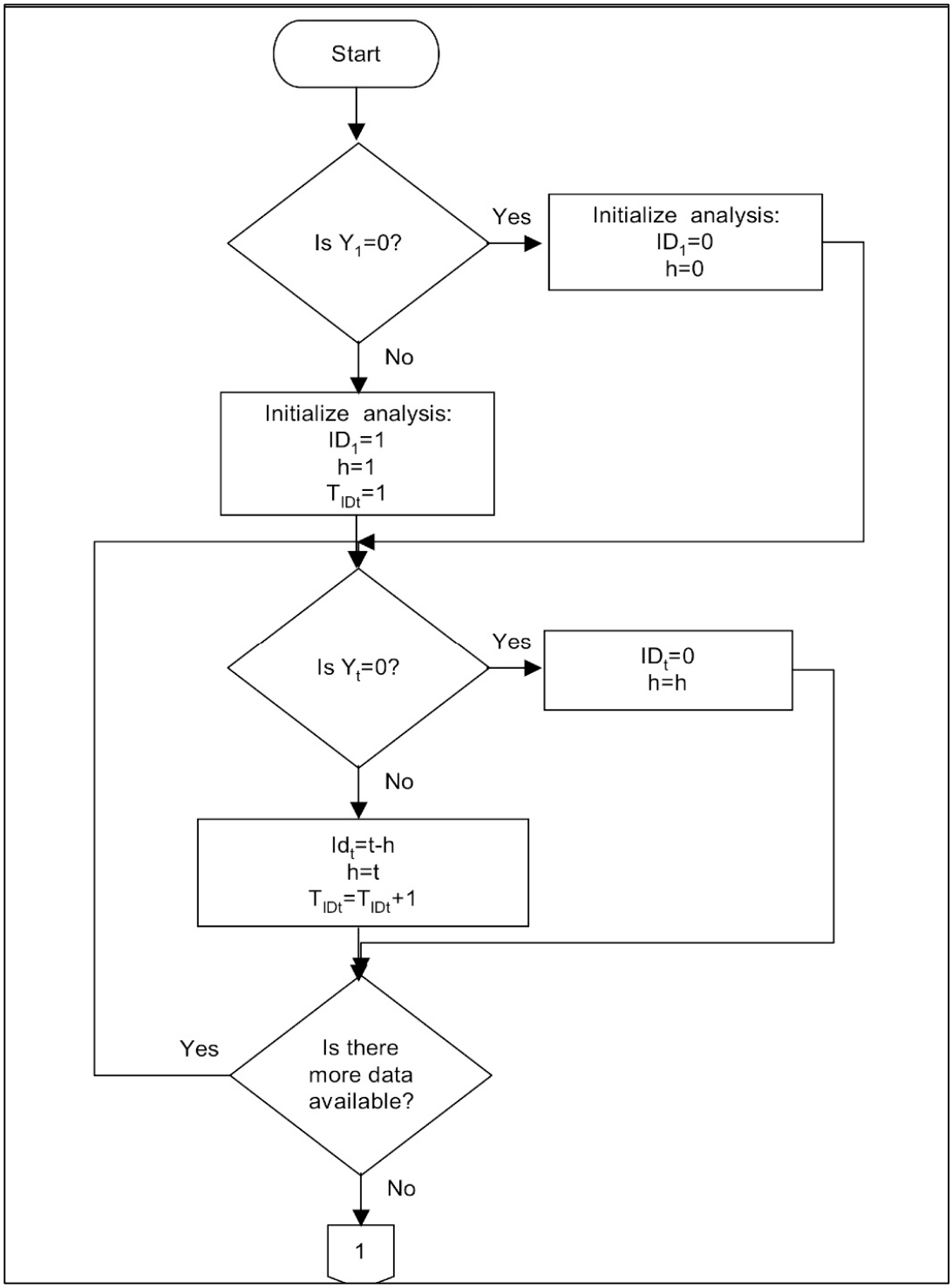


Figure B- 2 Intermittent Data Analysis

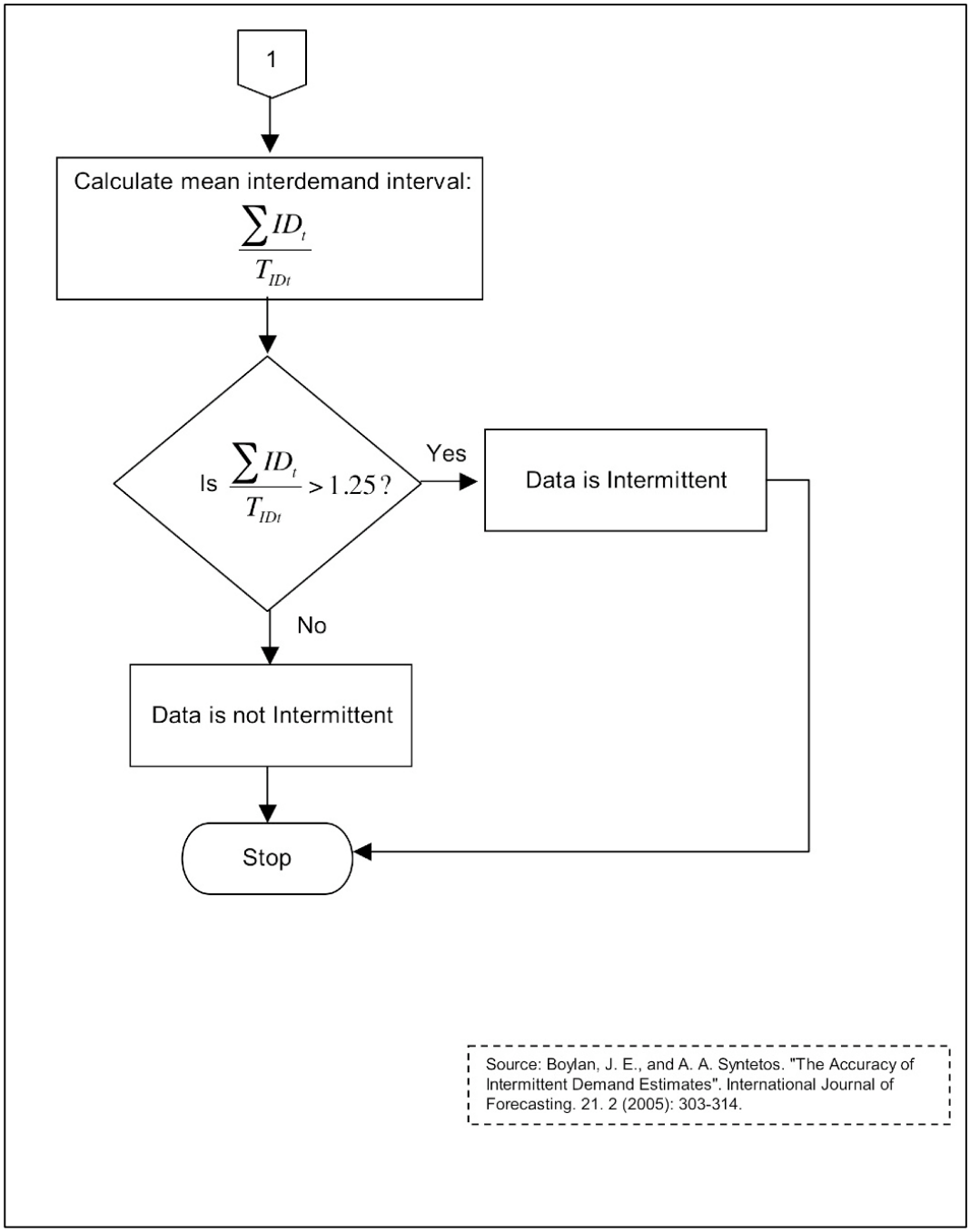


Figure B-2. Continued

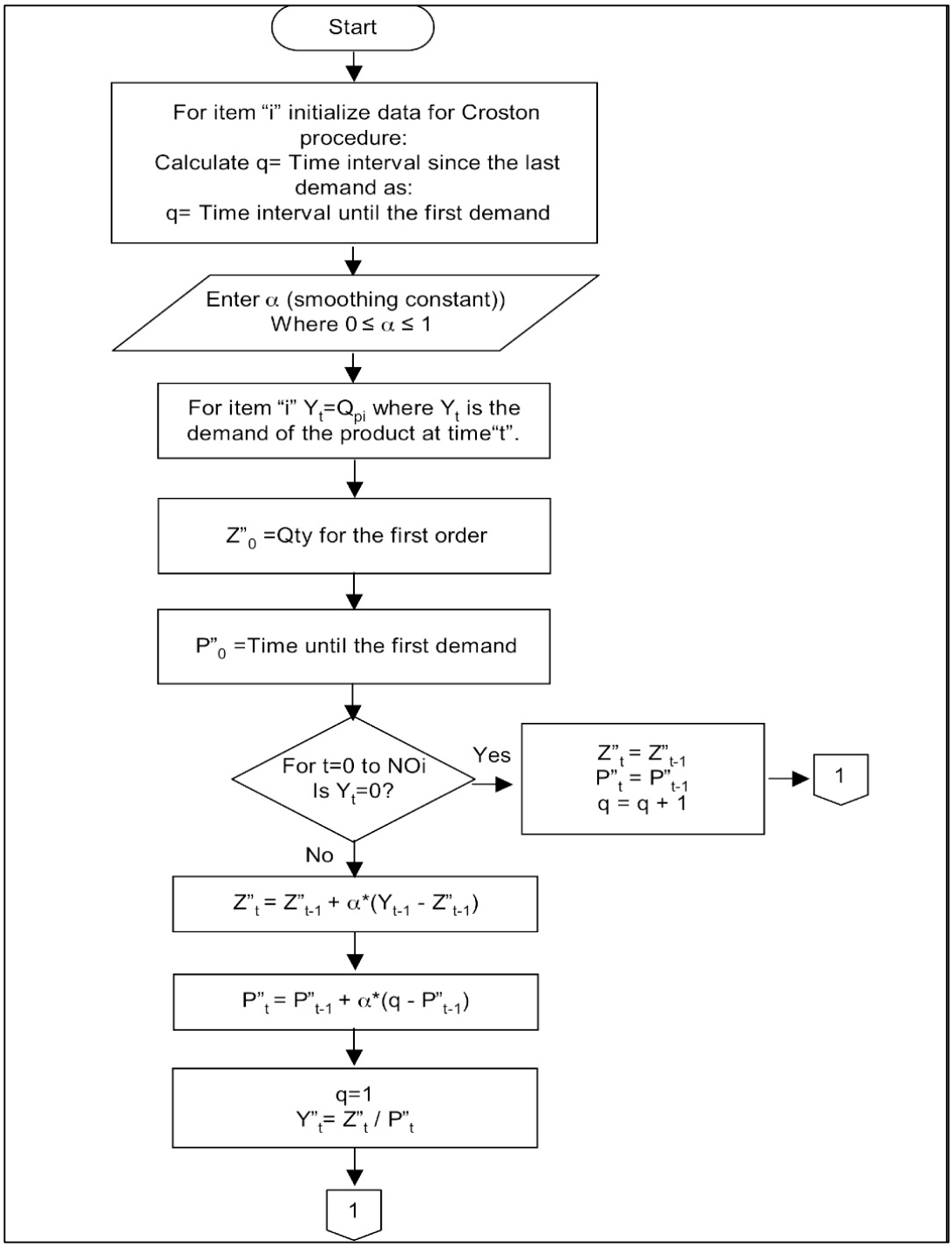


Figure B- 3 Croston Forecasting Method

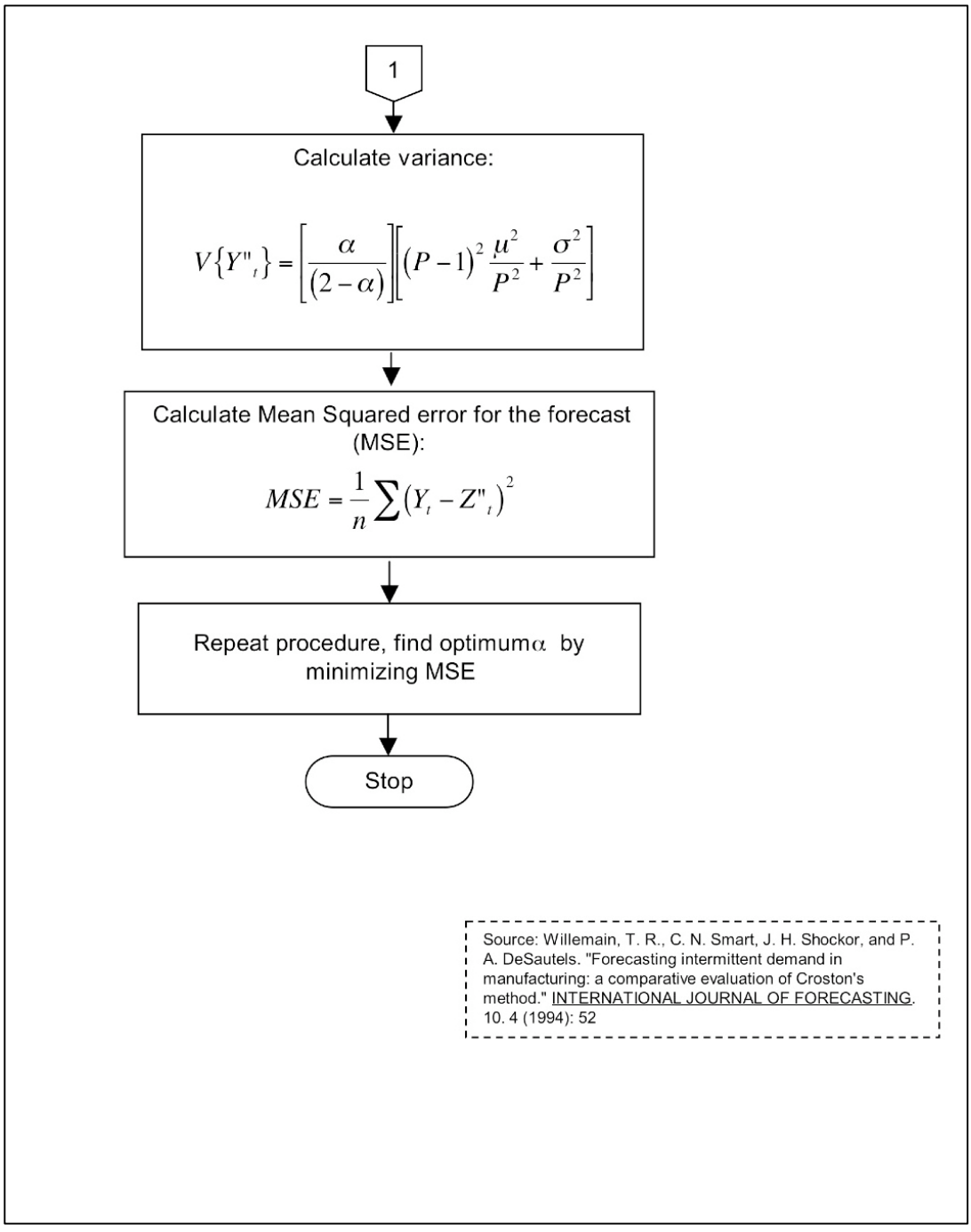


Figure B-3. Continued

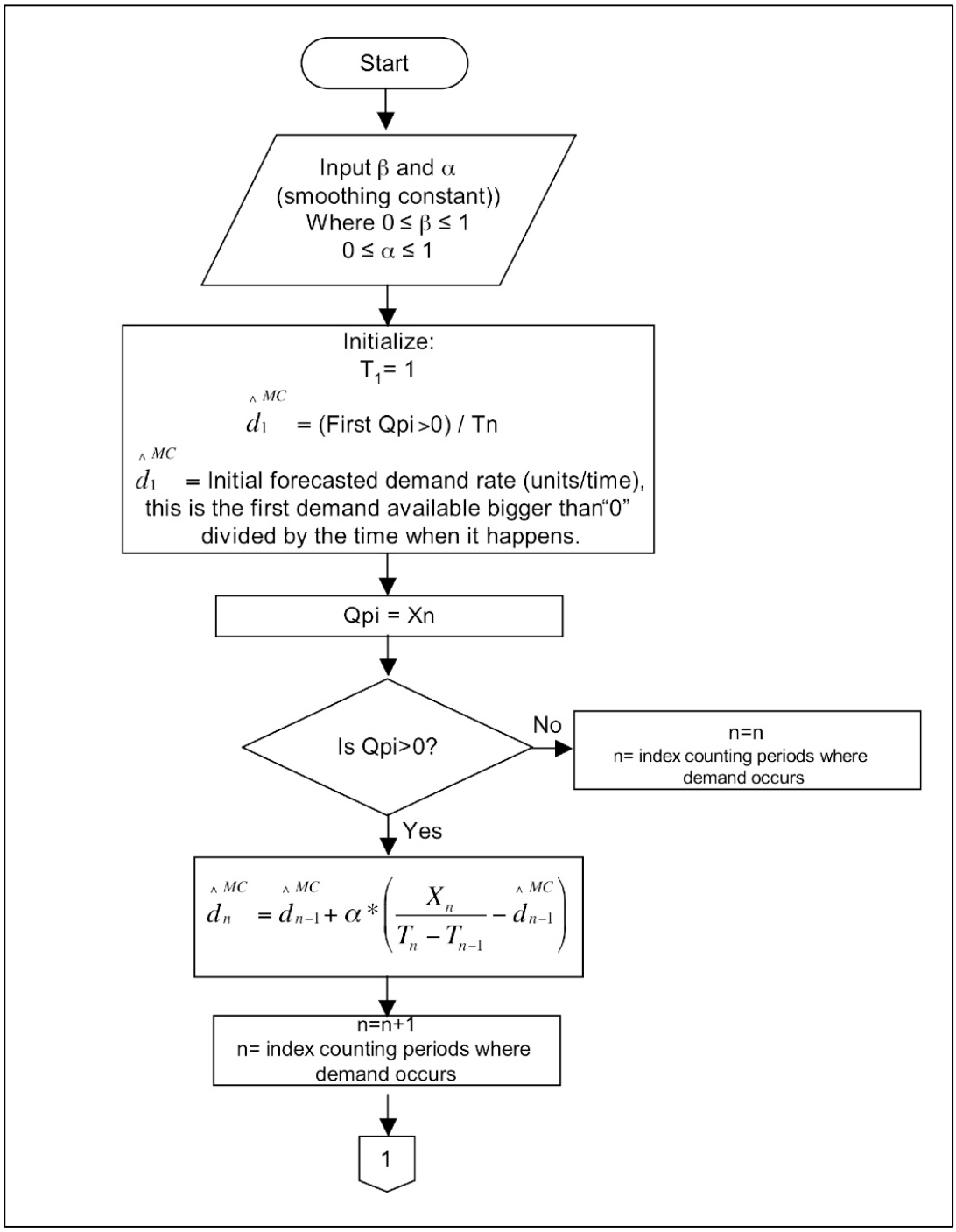


Figure B- 4 Modified Croston Method

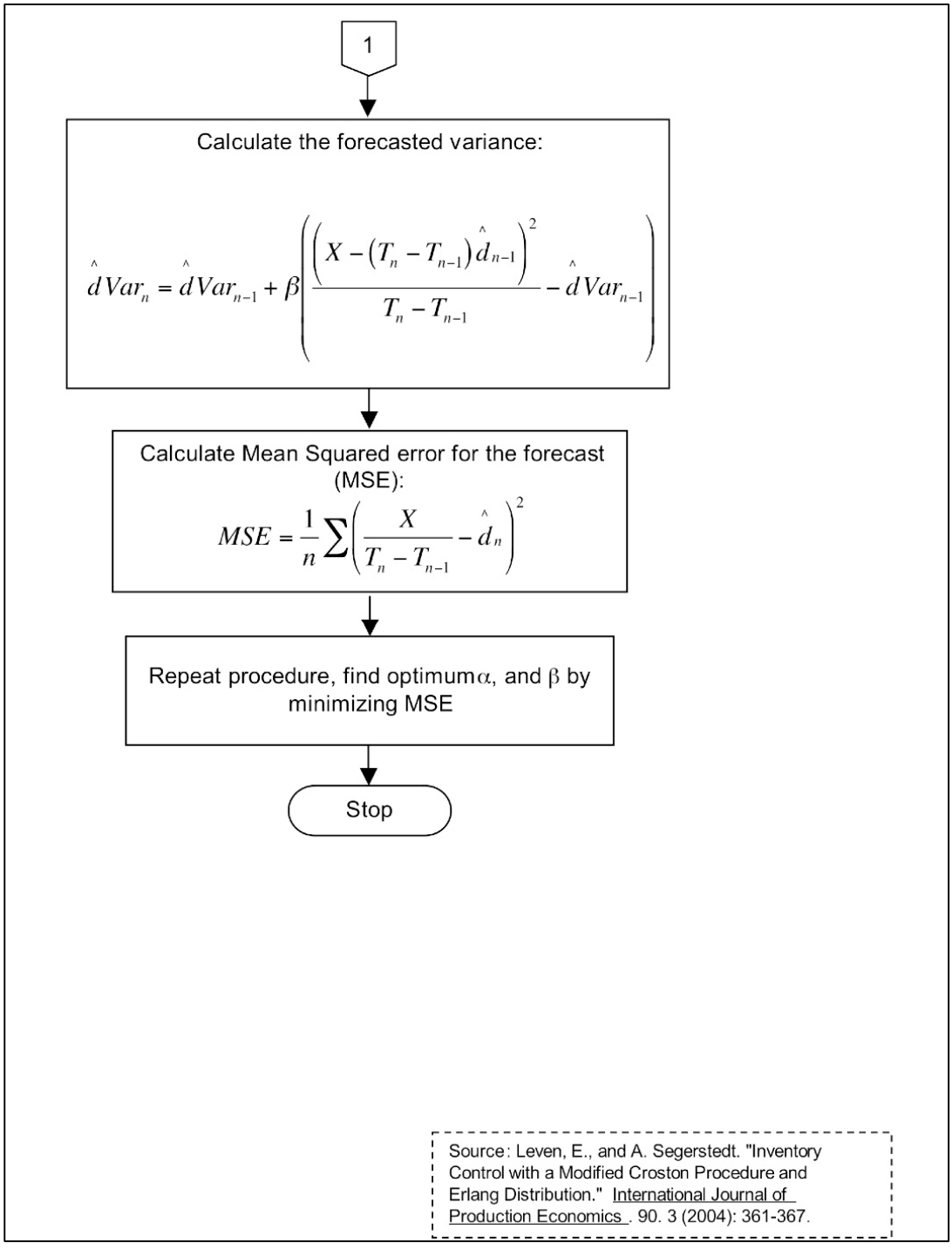


Figure B-4. Continued

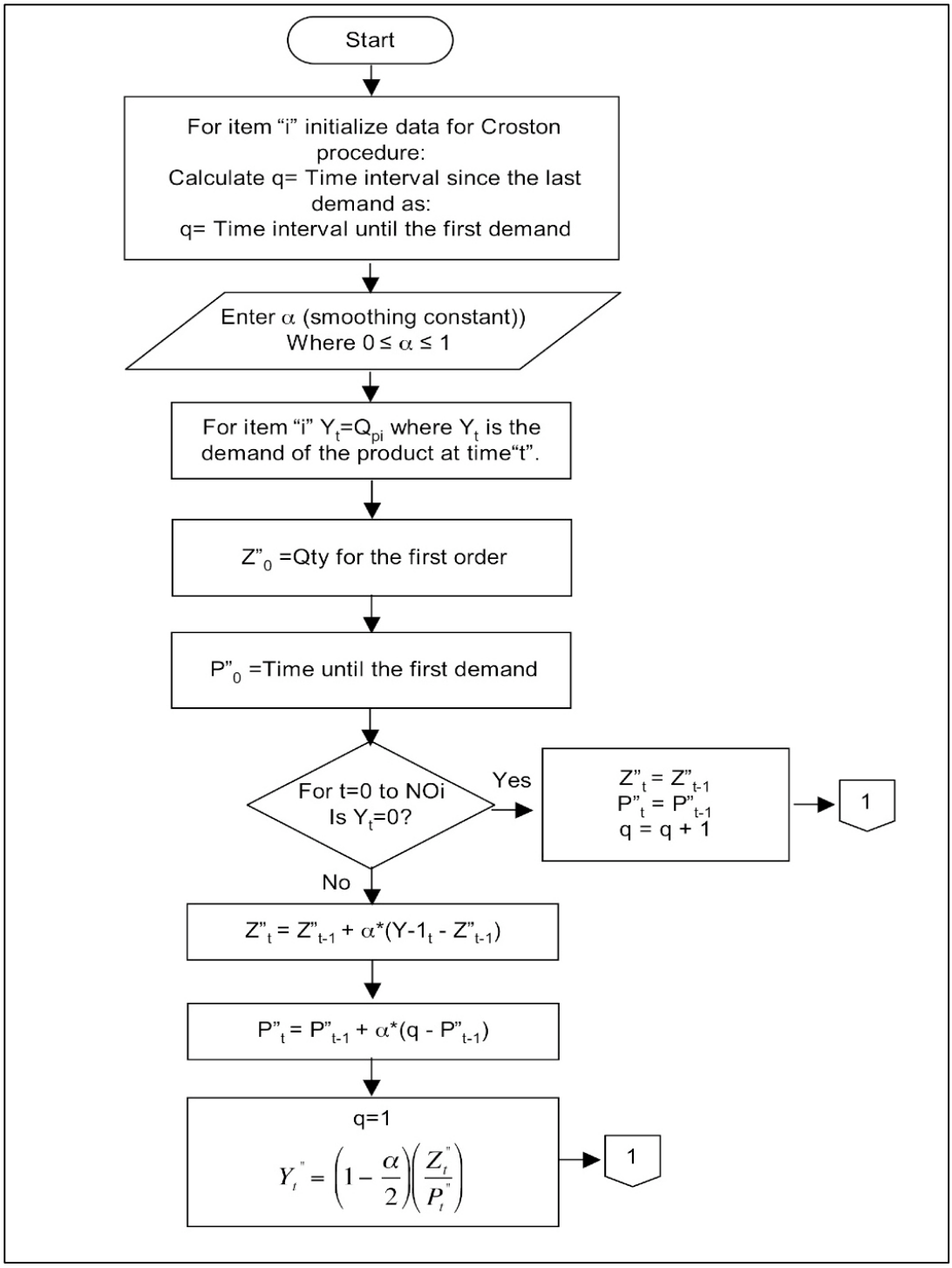


Figure B- 5 Approximation to Croston

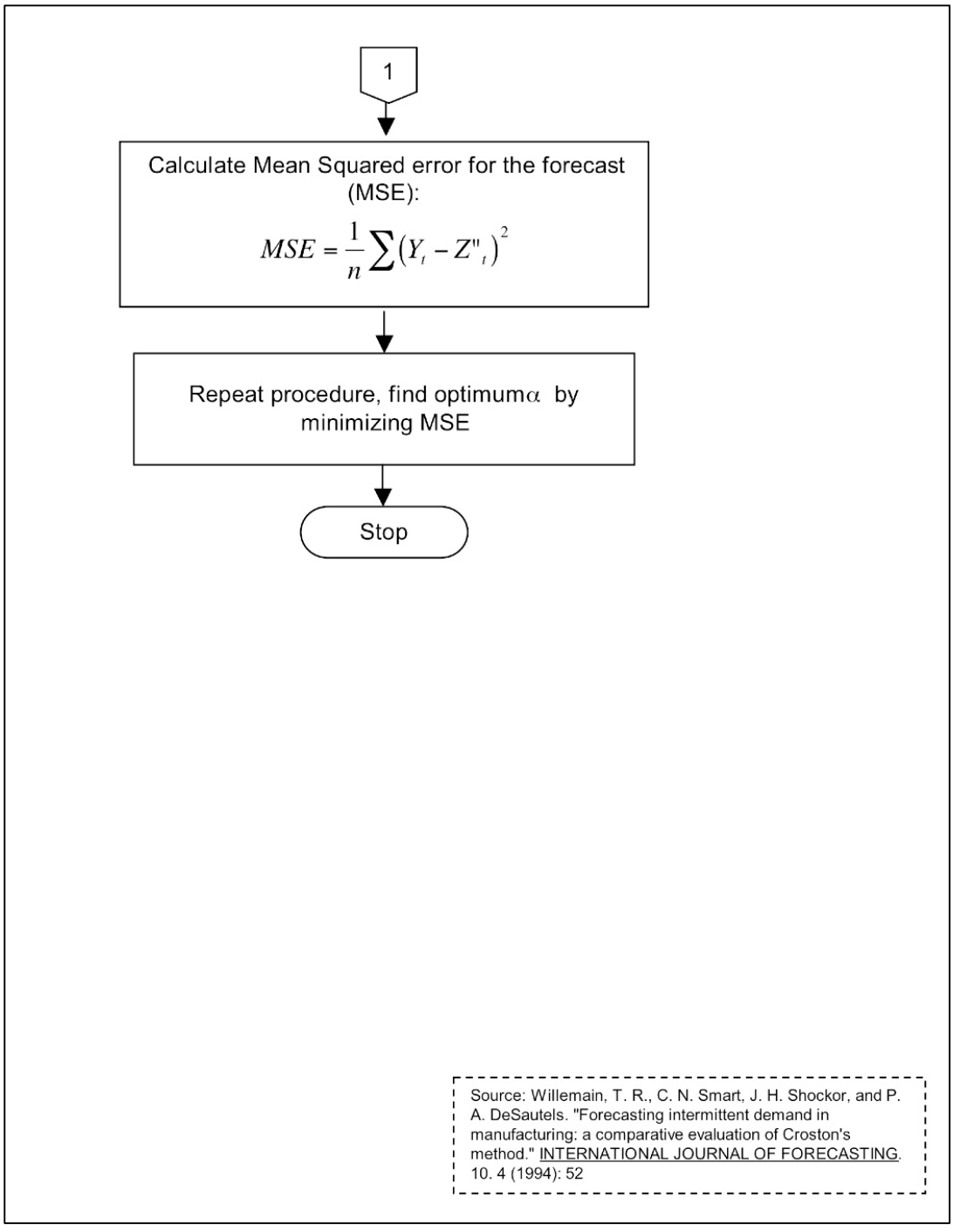


Figure B-5. Continued

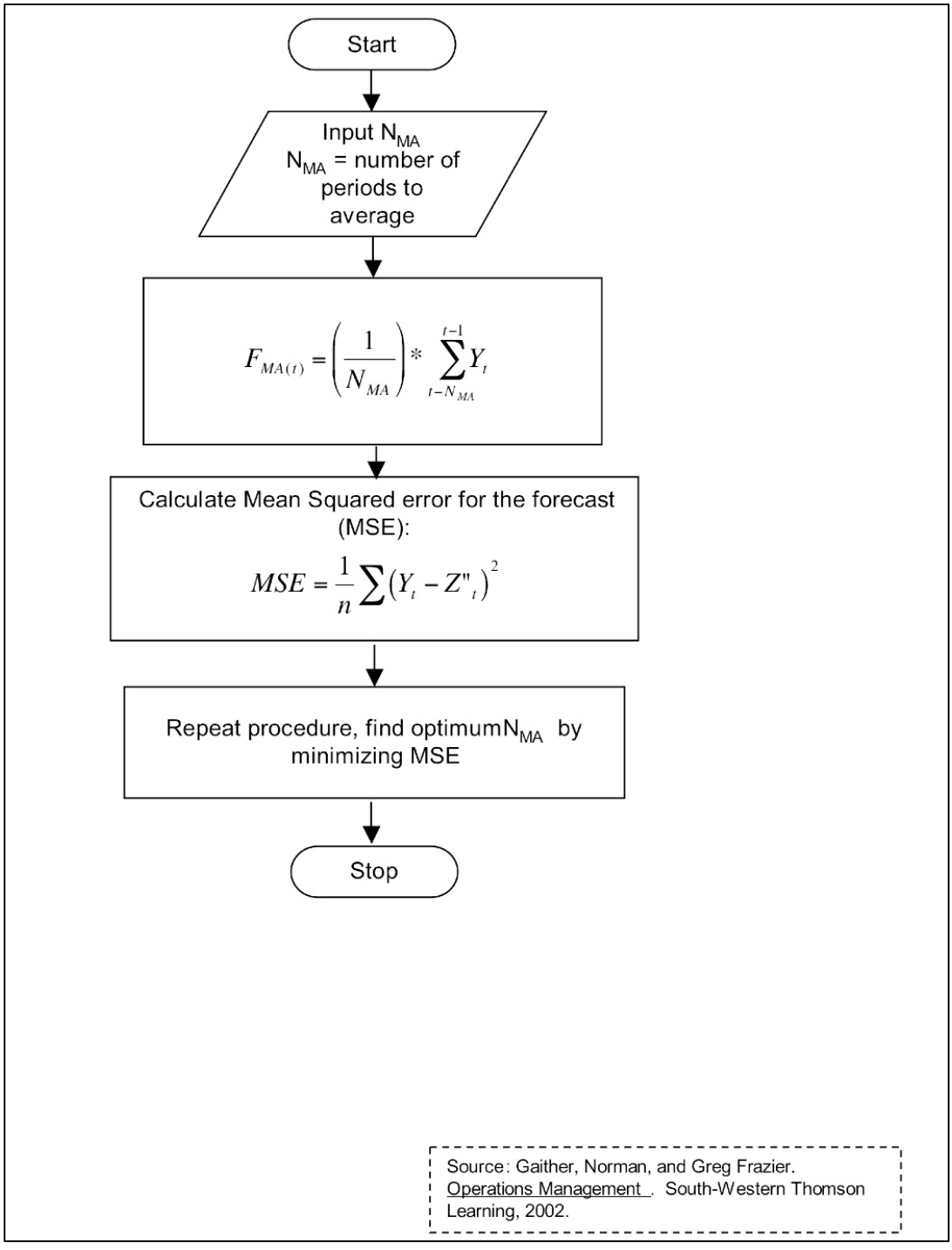


Figure B- 6 Simple Moving Average

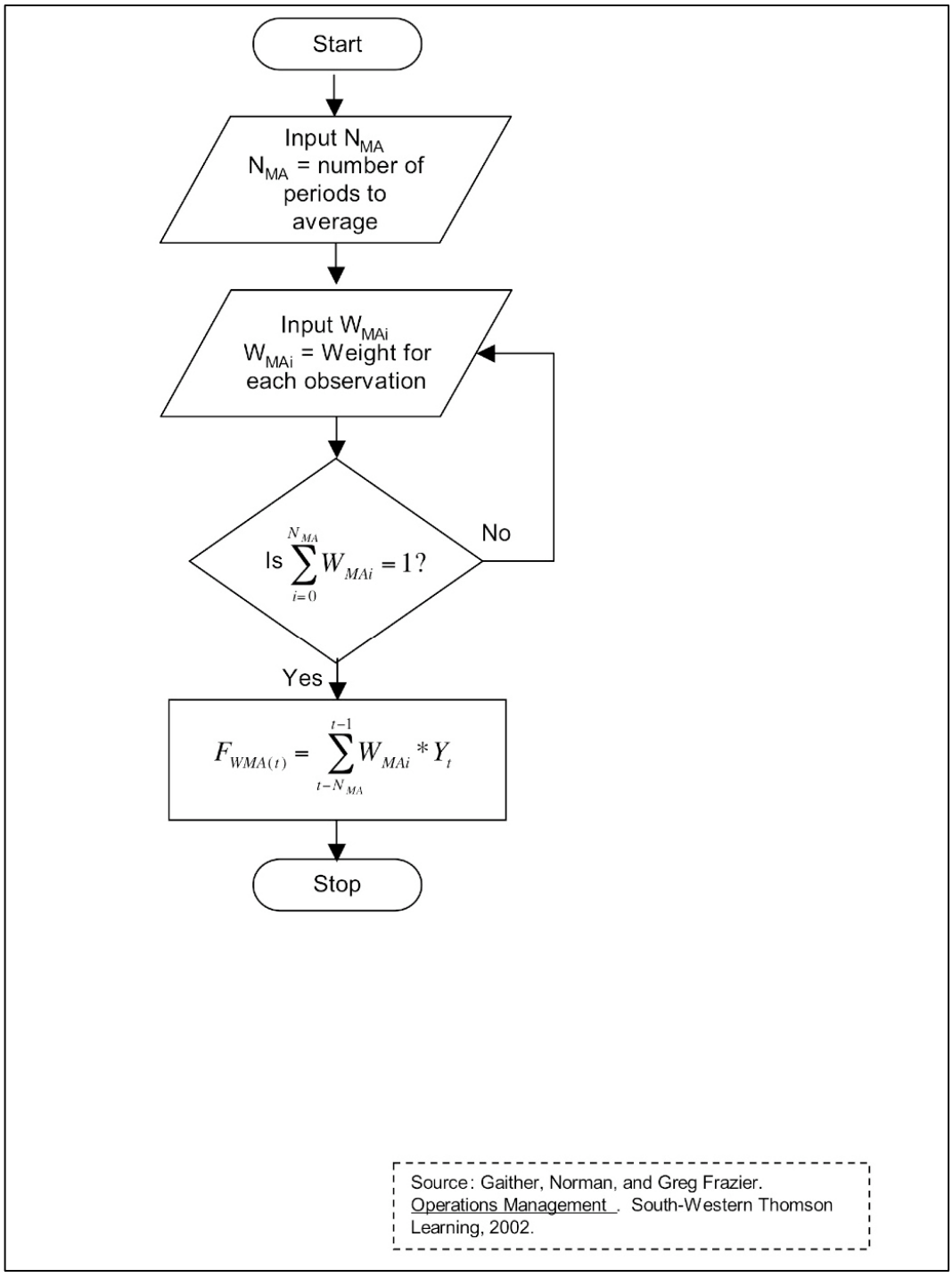


Figure B- 7 Weighted Moving Average

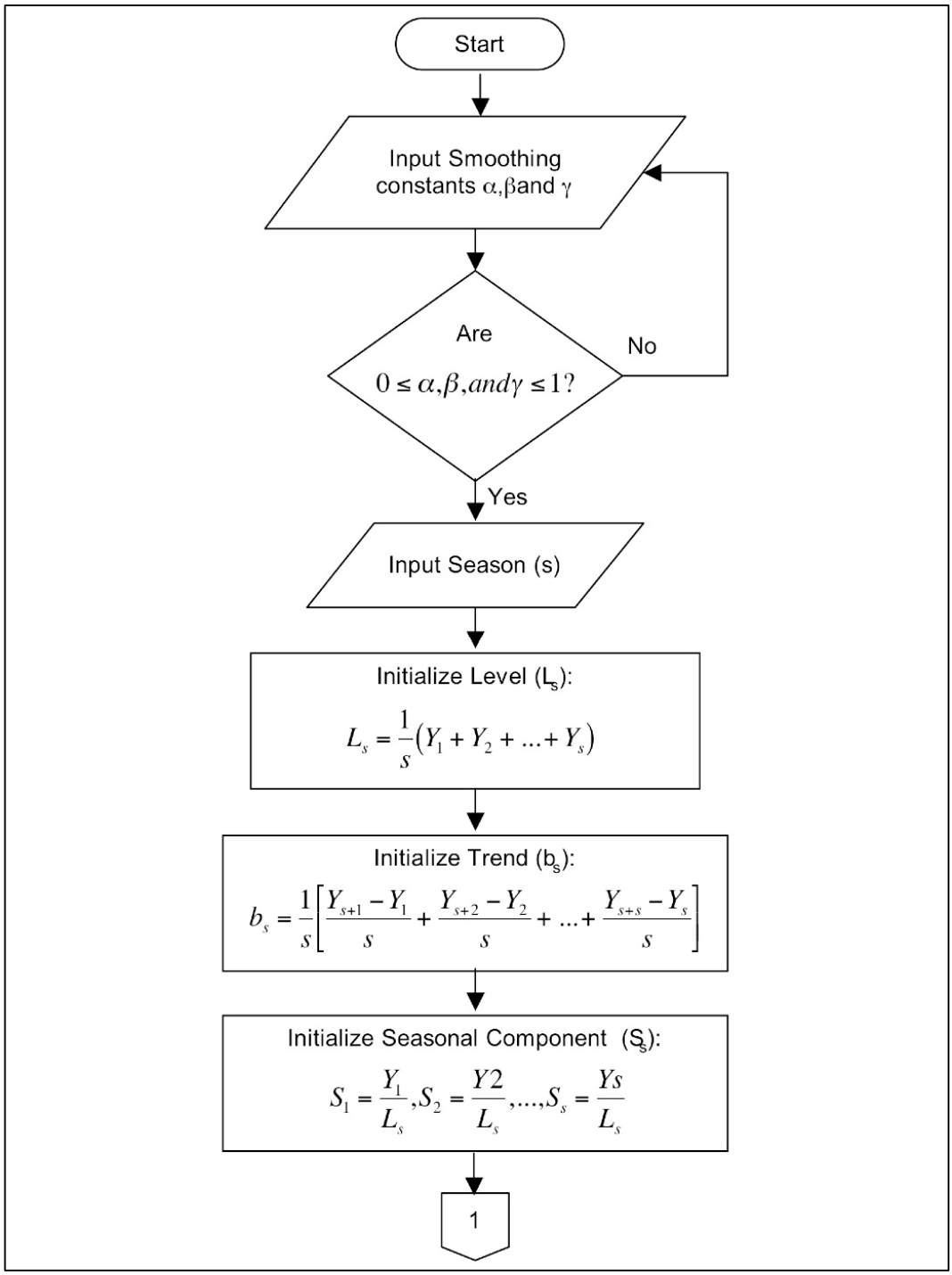


Figure B- 8 Holt-Winters

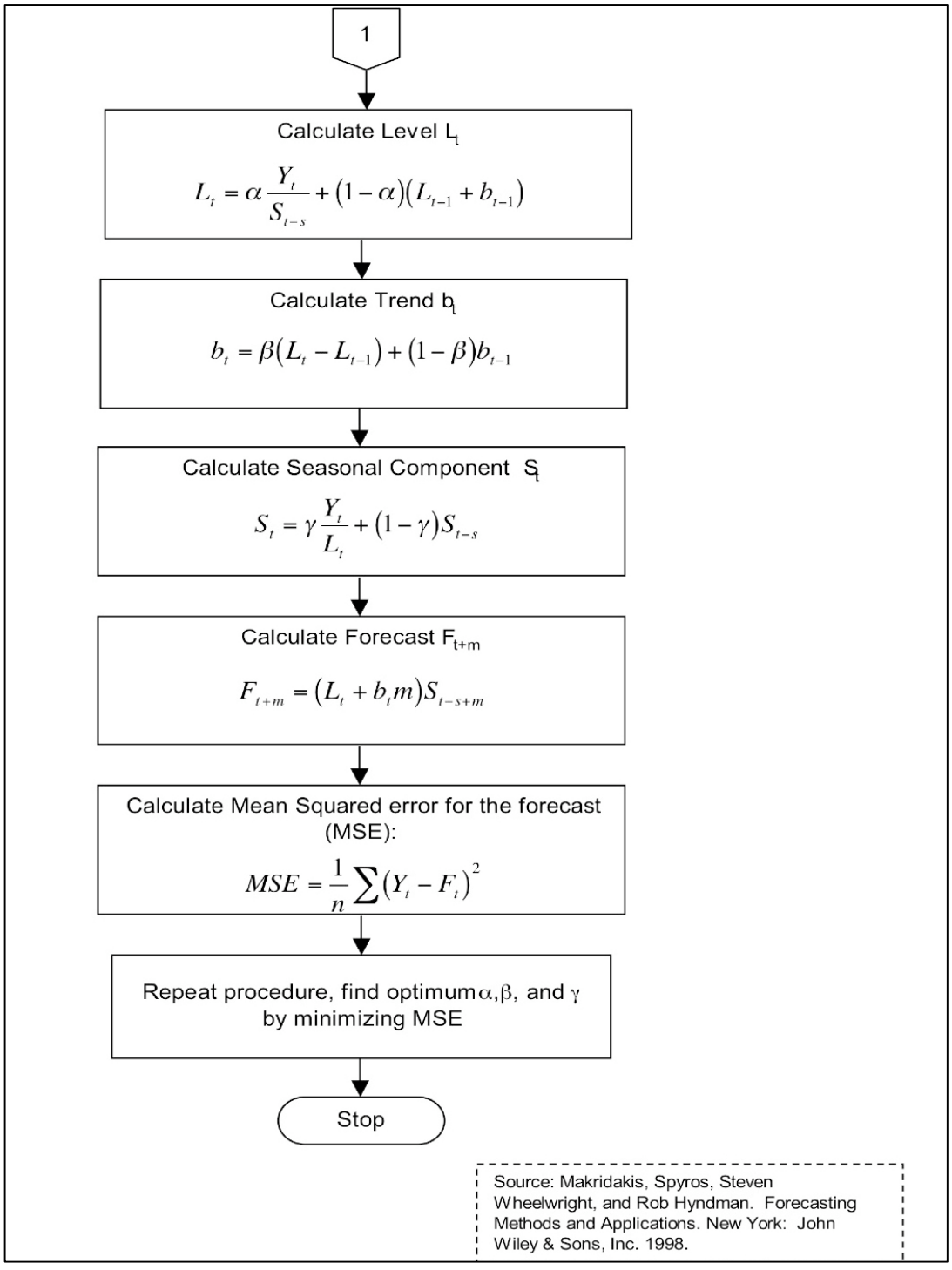


Figure B-8. Continued

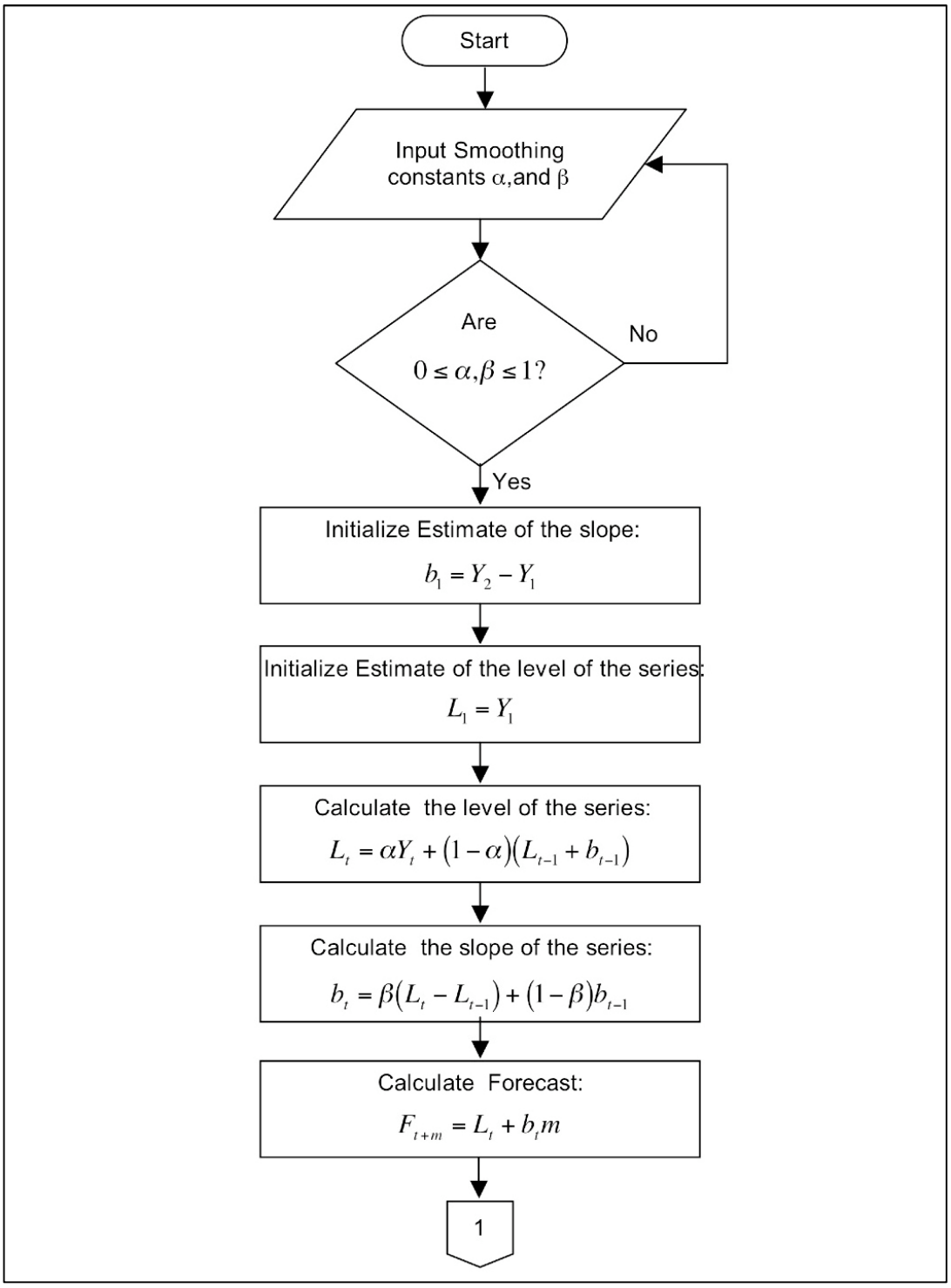


Figure B- 9 Holts Linear

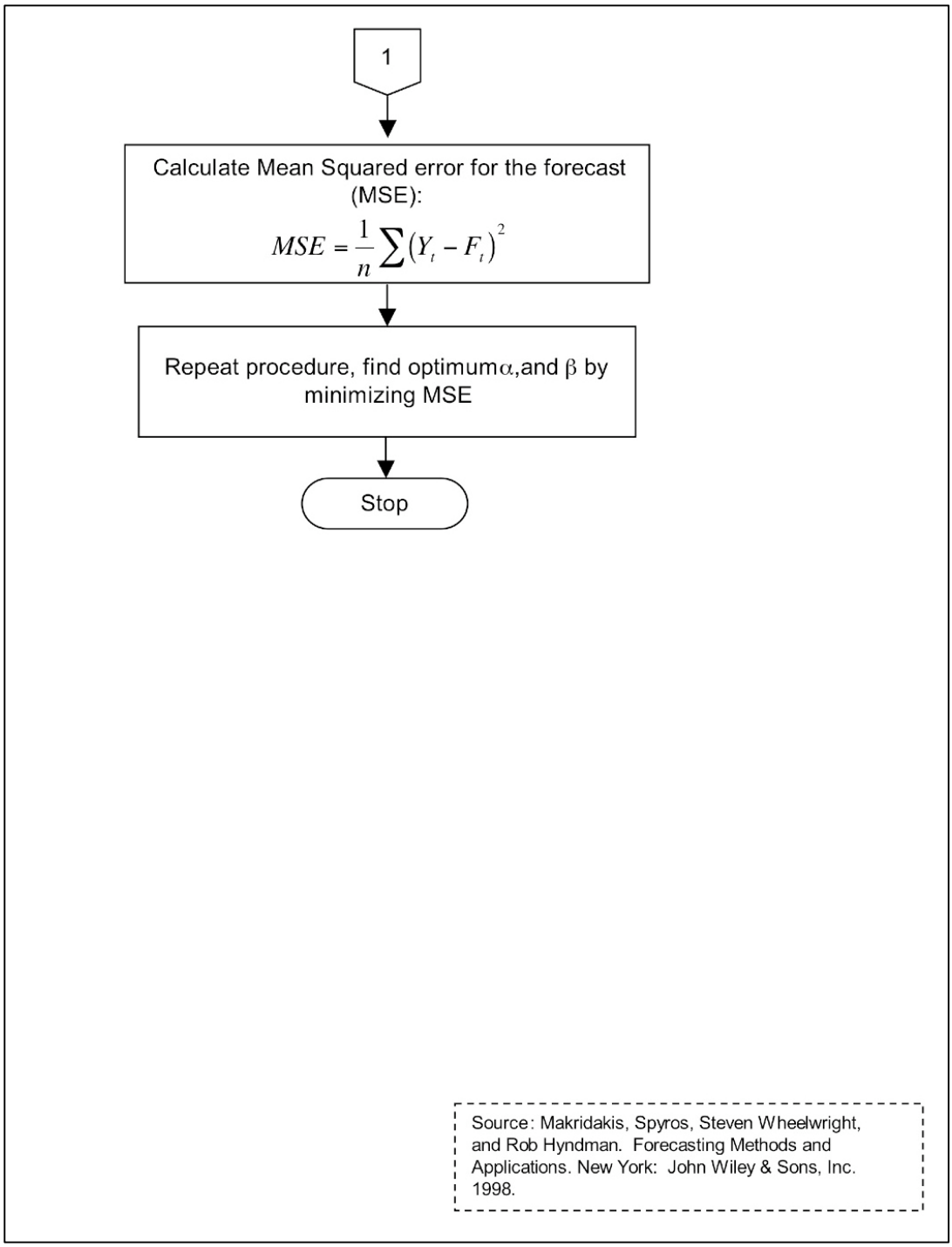


Figure B-9. Continued

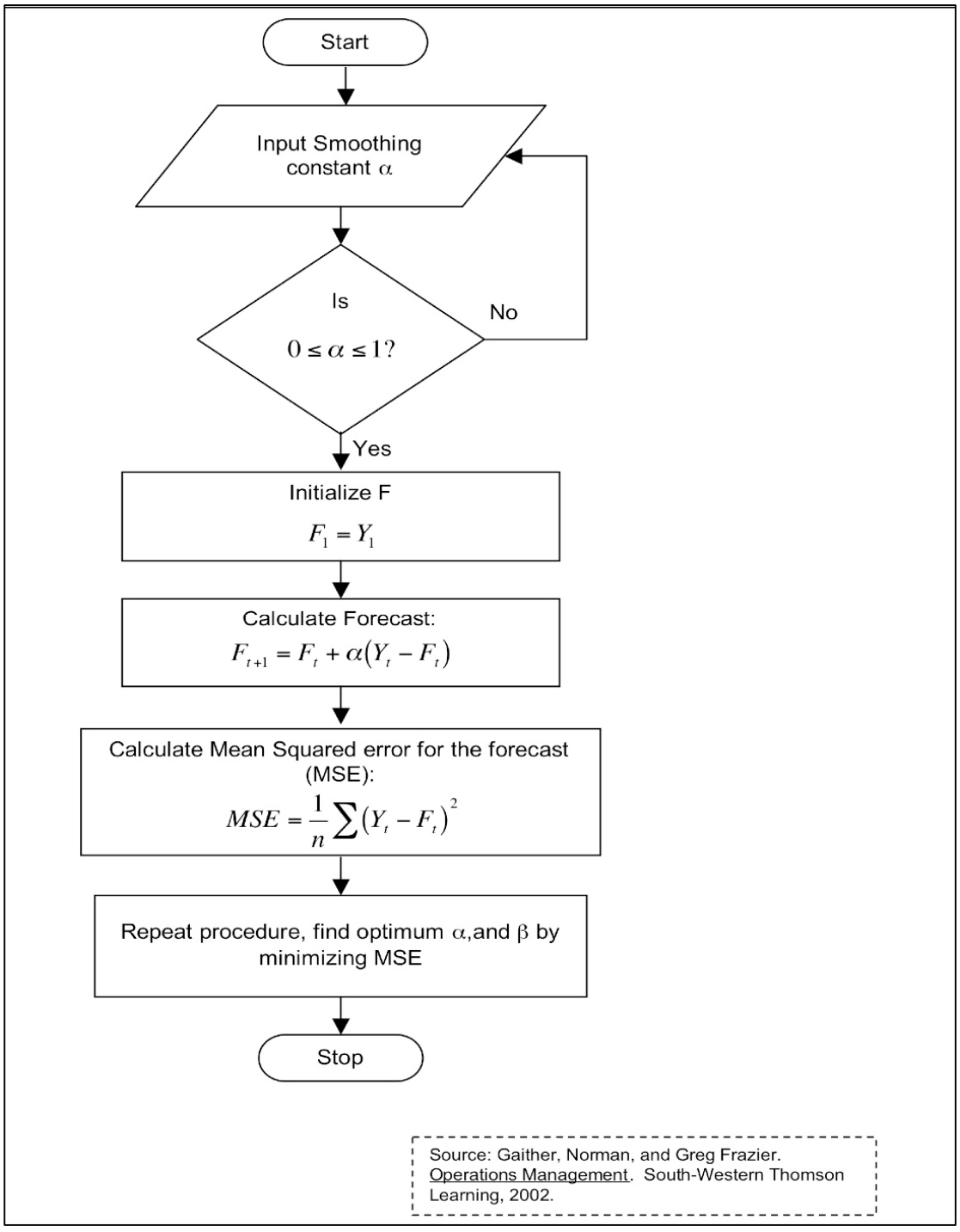


Figure B- 10 Single Exponential Smoothing

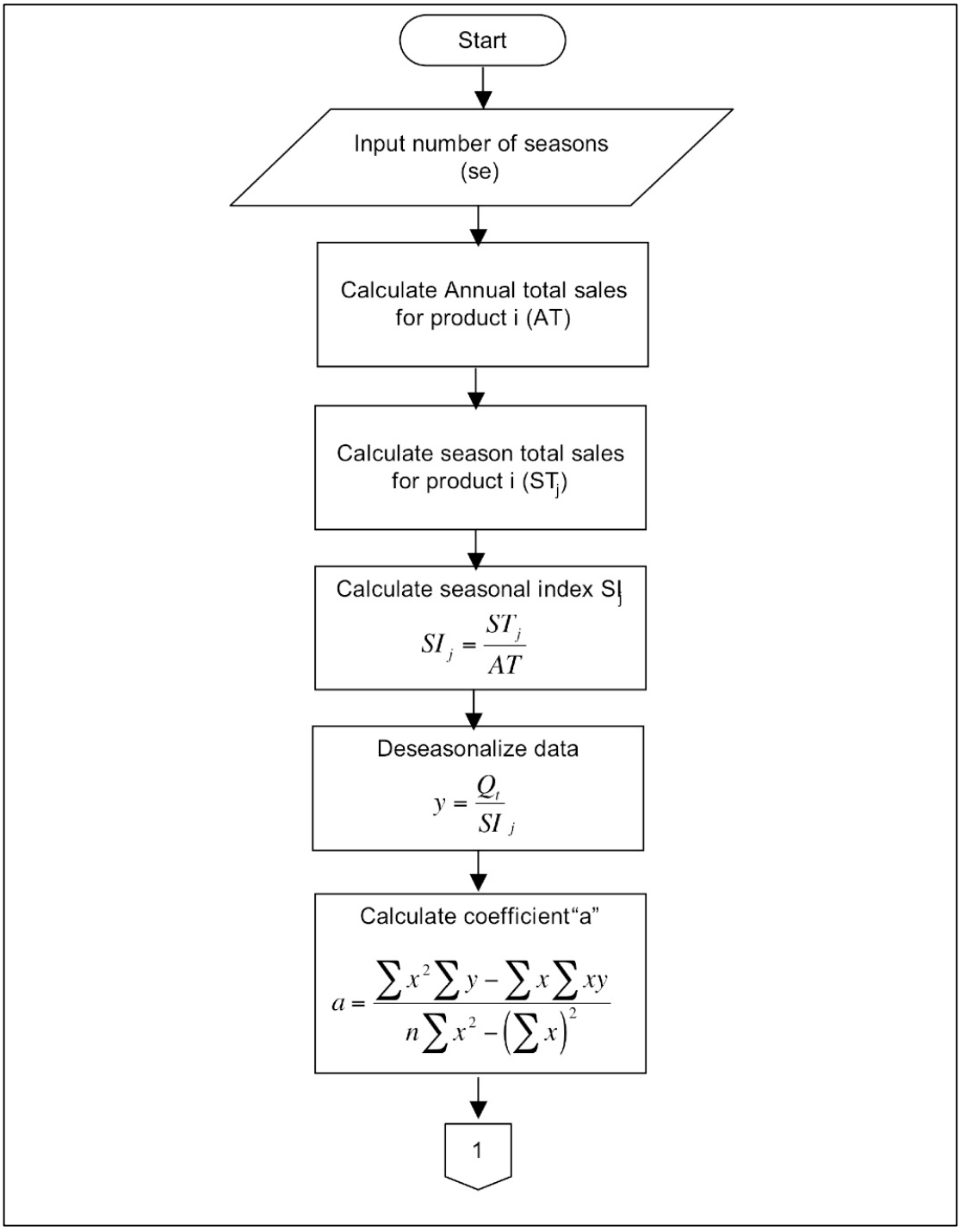


Figure B- 11 Linear Regression for Deseasonalized Data

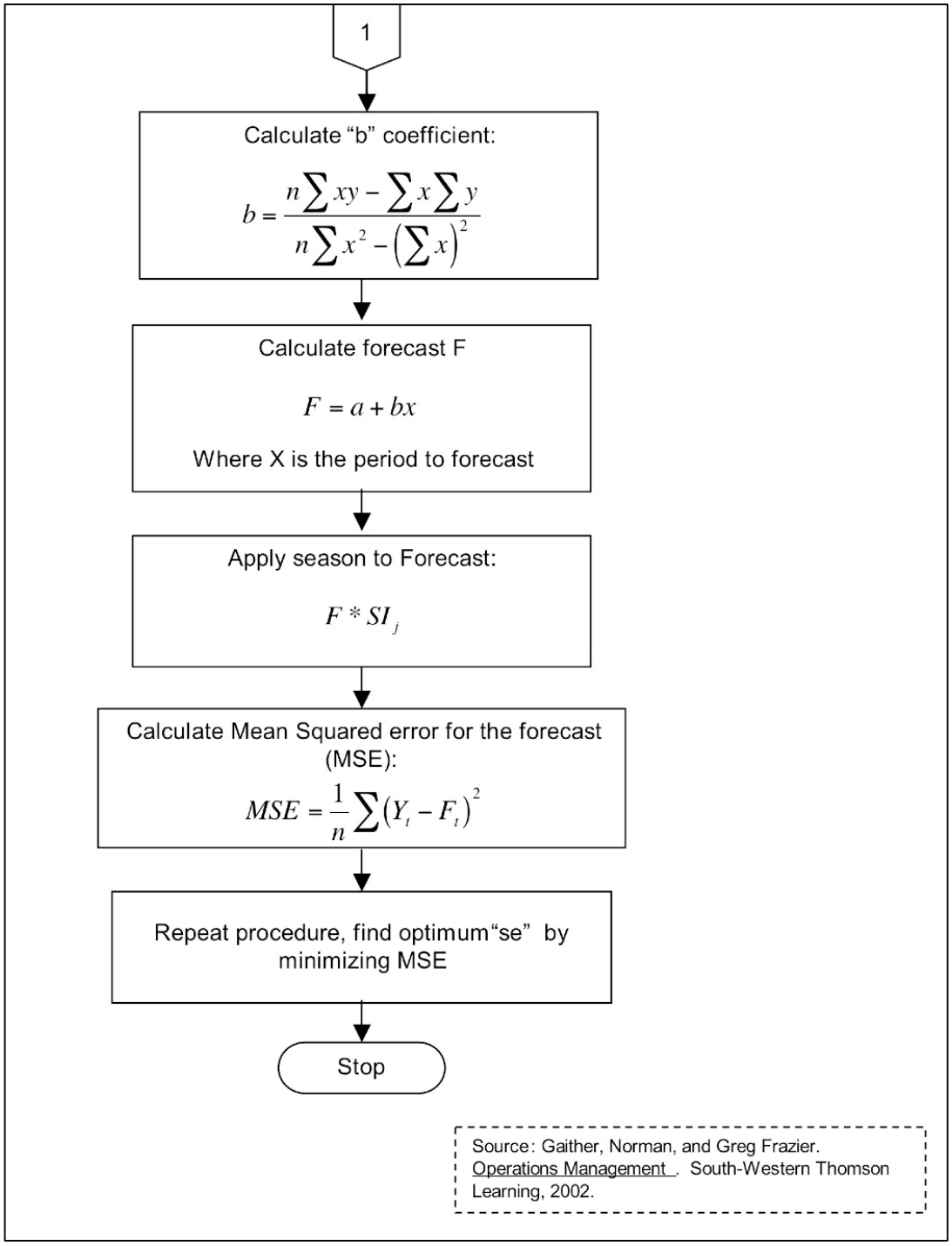


Figure B-11. Continued

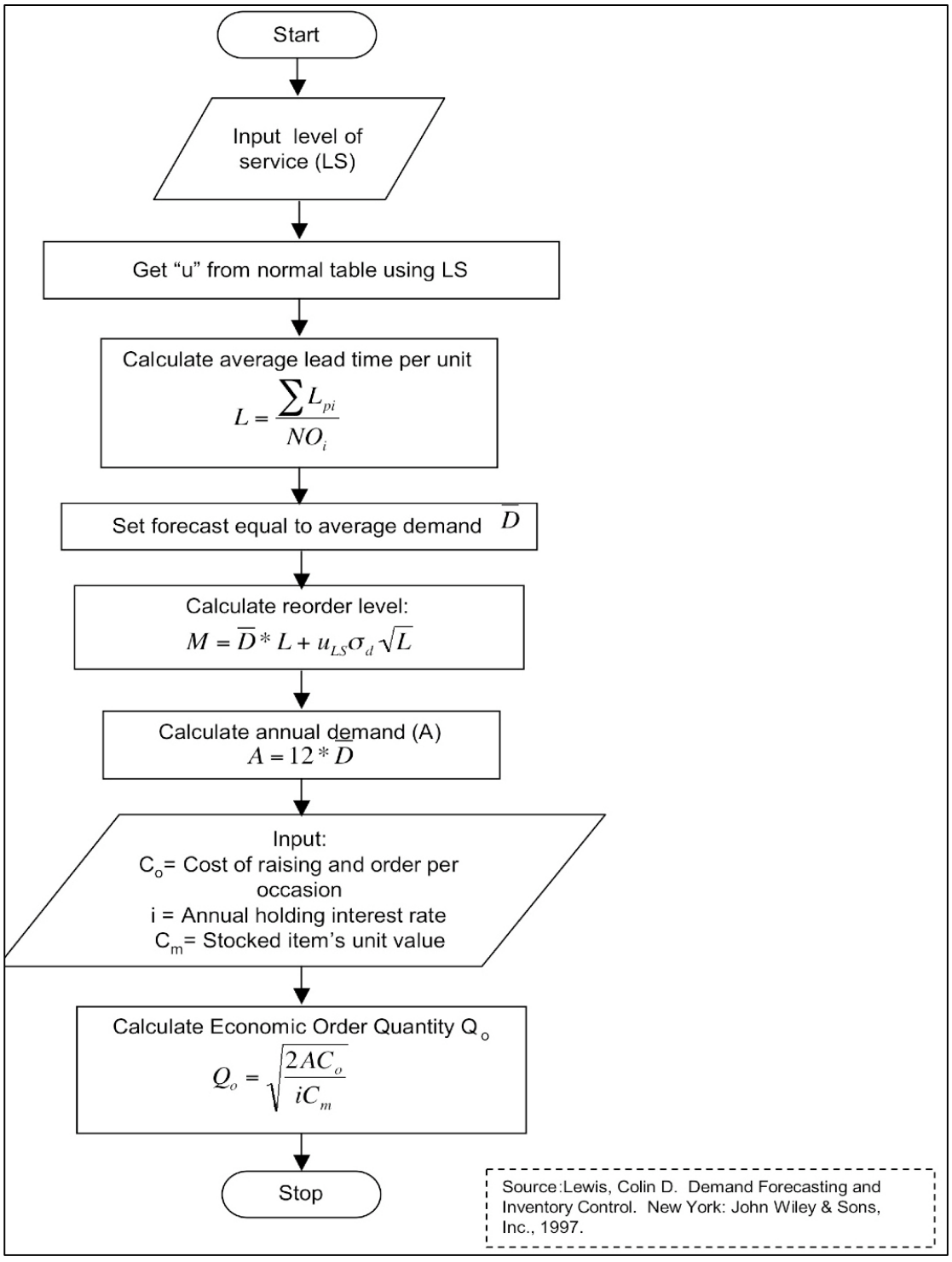


Figure B- 12 Re-order Level Inventory Policy

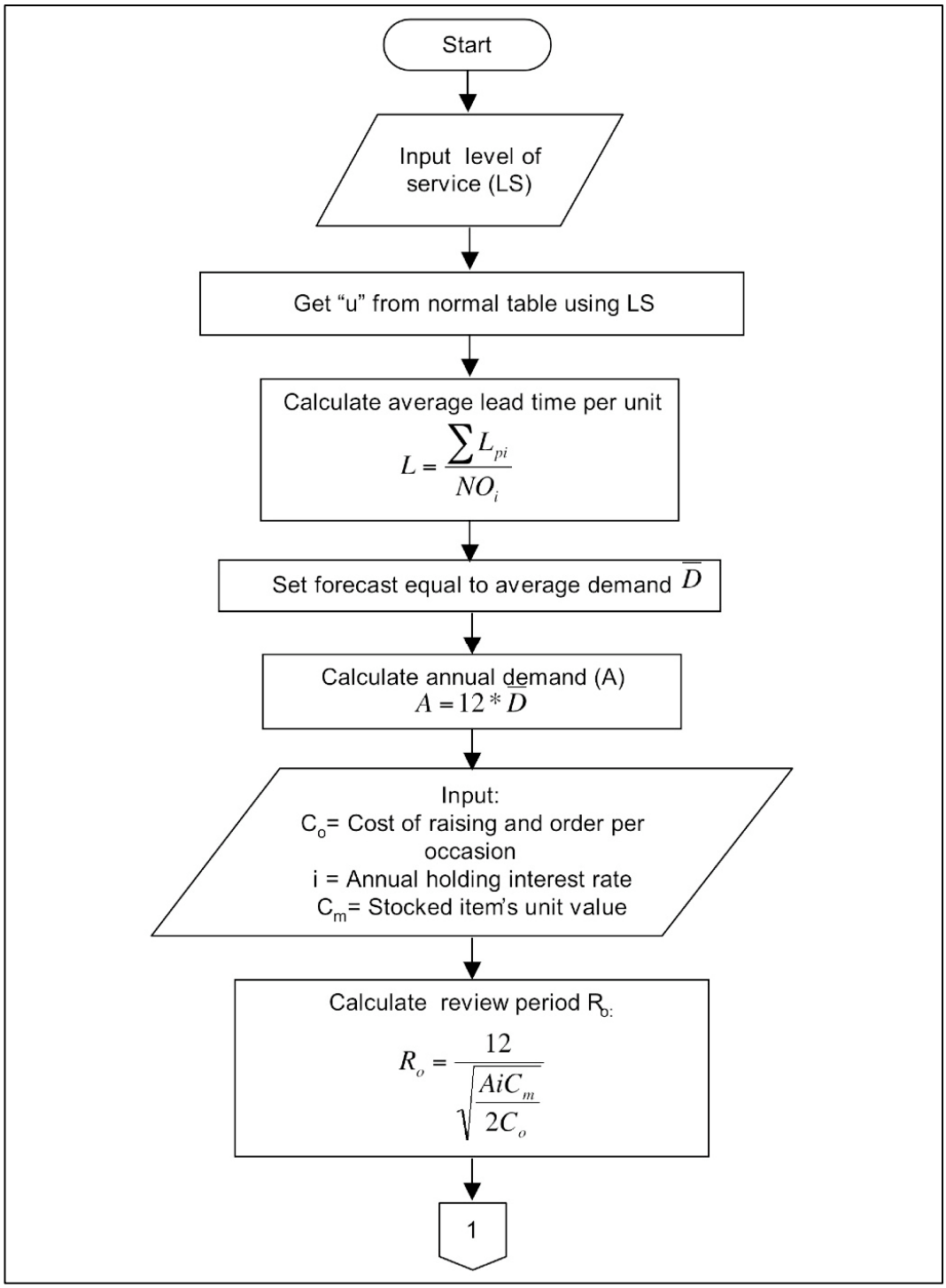


Figure B- 13 Re-order Cycle Inventory Policy

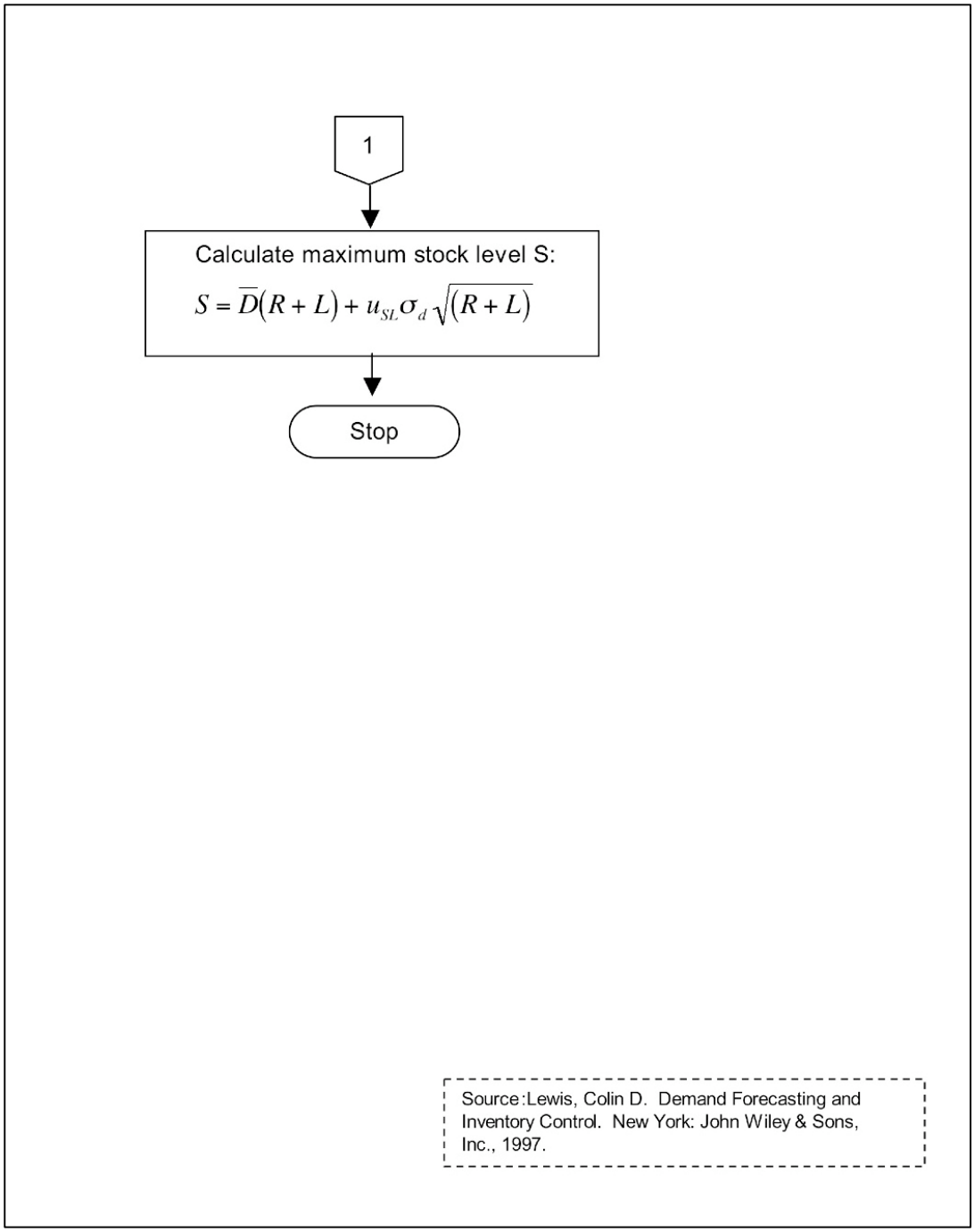


Figure B-13. Continued

Appendix C: Main Results

Table C- 1 Summary of Intermittent Analysis - Automatic Mode

Part Number	Inter-demand interval (months)	Intermittent	Part Number	Inter-demand interval (months)	Intermittent
827-1312	0.46	no	076-0104	12.33	yes
071-0163	0.91	no	071-8092	9.18	yes
6G3-150037	0.91	no	079-2658	6.33	yes
9601-7022	1.24	no	9501-1104	22.40	yes
9801-7012	0.76	no	9601-1900	6.87	yes
827-0100	0.60	no	9601-1403	9.50	yes
827-1538	0.50	no	9501-8419	4.03	yes
SSRF-4ZZRA3P25LG32VN	0.84	no	9501-3065	5.65	yes
6G3-145037	0.92	no	9501-1493	3.79	yes
0001-1129	0.46	no	9501-1431	8.60	yes
0001-1104	1.08	no	9501-1383	14.88	yes
6225-01001	9.20	yes	9330-1007	15.40	yes
4-269-3838-0	14.10	yes	9501-1346	6.76	yes
534-10001	9.20	yes	961-0104	2.14	yes
609056001	4.27	yes	9501-0412	11.09	yes
541-08002	4.94	yes	9501-0223	5.00	yes
541-08001	5.87	yes	9501-0152	7.63	yes
6100-10009-123A13A1020000	3.33	yes	9501-0144	4.71	yes
516-08028	55.50	yes	9501-0140	6.83	yes
504-02030	8.75	yes	9501-0138	5.50	yes
4-269-3849-0	12.00	yes	9501-0121	2.20	yes
4-128-4366-8	8.17	yes	827-1399	2.31	yes
3400-10013	4.67	yes	9501-1372	9.75	yes
3400-01015	3.88	yes	9801-1374	12.88	yes
2312-0060	5.80	yes	SME0764604	7.06	yes
4-753-3839-0	10.70	yes	SME0764302	11.75	yes
7110-2019	2.17	yes	MF-RC17101C/03E	2.50	yes
827-1306	2.12	yes	LAS8500	1.27	yes
7110-8009	2.30	yes	HDLO-2416	1.96	yes
7110-7811	2.38	yes	CUB12 VERSION AD	3.50	yes
7110-7809	4.83	yes	C24003-0501FB	7.33	yes
7110-7804	6.67	yes	BIM 2020 CASS	18.50	yes
7110-7800	10.92	yes	9601-7004	2.05	yes
7110-7008	4.90	yes	9801-1376	19.00	yes
7110-1314	3.63	yes	9601-7801	11.20	yes
7110-2045	1.29	yes	9801-1337	14.33	yes
7110-0103	5.80	yes	9801-0122	4.68	yes
7110-1327	10.62	yes	968-2085-7	27.17	yes
7110-1324	6.52	yes	968-2078-7	13.86	yes

Table C-1. Continued

Part Number	Inter-demand interval (months)	Intermittent	Part Number	Inter-demand interval (months)	Intermittent
7110-1321	3.11	yes	968-1435-1	10.47	yes
7110-1319	1.87	yes	968-0113-1	5.96	yes
1100-08107	17.50	yes	964-2040-7	11.92	yes
7110-1318	2.16	yes	9330-1003	19.25	yes
2309-0003	4.33	yes	9801-1412	12.14	yes
7110-1307	14.00	yes	827-1815	3.47	yes
7110-7005	3.33	yes	827-8021-1	3.38	yes
071-0125	7.40	yes	827-8000	2.39	yes
13729	16.00	yes	827-7802	5.64	yes
071-2311	11.83	yes	827-4404	3.64	yes
071-1588	1.36	yes	827-1991	21.00	yes
071-1573	4.92	yes	827-1988	4.03	yes
071-1432	6.78	yes	827-1940	1.52	yes
071-1315	2.74	yes	940-1019	6.67	yes
071-1011	6.05	yes	827-1900	10.07	yes
071-3233	1.49	yes	8500-1371-1	7.40	yes
071-0159	3.27	yes	827-1801	4.82	yes
071-7016	9.14	yes	827-1775	2.13	yes
065-2714	4.76	yes	827-1743	3.49	yes
065-1492	1.45	yes	827-1700	9.29	yes
065-0203	3.93	yes	827-1668	1.71	yes
065-0191-7	2.14	yes	827-1648-NJT	2.36	yes
061-1305	2.45	yes	827-1596	2.42	yes
061-1013	8.57	yes	827-1510	43.50	yes
0001-7054	1.68	yes	827-1903	11.75	yes
0001-7047	2.09	yes	931-0405	6.26	yes
071-0161	1.92	yes	9330-1001	19.25	yes
079-0141	1.92	yes	9326-8100	8.07	yes
827-1311	4.23	yes	931-2524	11.21	yes
116-08094	5.95	yes	931-2437	4.22	yes
1100-08037	1.63	yes	931-1392	15.56	yes
1100-01038	2.53	yes	931-1389	10.00	yes
1100-01025	1.40	yes	931-1346	2.79	yes
079-2701	3.65	yes	931-1331	11.00	yes
079-2660	4.26	yes	8500-0118	2.01	yes
071-2312	19.43	yes	931-0406	4.73	yes
079-0142	3.27	yes	8500-0129	7.30	yes
2100-08031	13.33	yes	931-0112	6.40	yes
079-0140	4.06	yes	931-0109	5.17	yes

Table C-1. Continued

Part Number	Inter-demand interval (months)	Intermittent	Part Number	Inter-demand interval (months)	Intermittent
079-0136	12.43	yes	931-0108	4.22	yes
076-1402	68.00	yes	931-0101	6.00	yes
076-1102	112.00	yes	8500-8038-2	9.92	yes
076-0117	14.30	yes	8500-7805	4.03	yes
076-0106	10.27	yes	8500-2211	2.48	yes
931-1322	9.06	yes	0001-1102	19.00	yes

Table C- 2 Summary of Autocorrelation values - Automatic Mode

Part Number	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12
0001-1104	-0.03	-0.04	-0.02	0.06	0.03	-0.03	-0.01	-0.04	-0.04	-0.03	-0.04	-0.04
0001-1129	-0.15	0.03	-0.05	-0.07	0.01	-0.09	0.18	-0.11	-0.02	0.08	-0.14	0.02
071-0163	-0.01	-0.03	-0.02	-0.02	0.01	-0.03	-0.03	-0.03	0.00	-0.02	0.03	0.02
6G3-145037	-0.03	-0.02	0.12	0.08	0.07	0.02	-0.07	0.04	0.02	0.04	0.15	-0.06
6G3-150037	-0.06	-0.01	0.15	0.25	0.02	0.05	0.03	0.04	0.09	0.06	0.01	0.13
827-0100	0.44	0.30	0.38	0.22	0.30	0.41	0.43	0.36	0.28	0.23	0.12	0.12
827-1312	-0.09	0.05	0.02	0.12	-0.01	0.04	0.10	0.12	0.06	0.07	0.16	0.03
827-1538	0.00	-0.06	-0.07	0.06	0.00	0.02	0.09	-0.17	0.07	0.06	-0.03	0.04
9601-7022	0.06	-0.09	-0.06	-0.06	-0.12	0.00	0.01	0.01	0.03	0.22	0.09	0.11
9801-7012	-0.03	0.29	-0.03	-0.04	-0.02	-0.03	-0.01	0.00	-0.03	-0.01	0.00	-0.03
SSRF-4ZZRA3P25LG32VN	0.23	0.11	0.20	0.19	0.33	0.20	0.15	0.07	0.01	0.03	0.05	0.11

Table C- 3 Summary of Autocorrelation Limits for Automatic mode

Part Number	Seasonality	Trend	Upper Limit	Lower Limit
0001-1104	no	no	0.23	-0.23
0001-1129	no	no	0.21	-0.21
071-0163	no	no	0.16	-0.16
6G3-145037	yes	no	0.15	-0.15
6G3-150037	yes	no	0.15	-0.15
827-0100	yes	yes	0.15	-0.15
827-1312	yes	no	0.15	-0.15
827-1538	yes	no	0.15	-0.15
9601-7022	yes	no	0.21	-0.21
9801-7012	yes	no	0.20	-0.20
SSRF-4ZZRA3P25LG32VN	no	no	0.15	-0.15

Table C- 4 Forecast Parameters for Intermittent PN- Automatic Mode

	Croston			Approximation to Croston			Modified Croston		
Part Numbers	Alpha	MSE	MAPE	Alpha	MSE	MAPE	Alpha	MSE	MAPE
504-02030	0.10	15.14	9.85	0.10	15.10	9.85	0.10	15.09	9.89
2100-08031	0.10	4.71	5.70	0.10	4.69	5.72	0.20	4.61	5.83
7110-0103	0.10	3141.99	18.24	0.10	3140.85	17.61	0.10	3156.24	32.82
6225-01001	1.00	18.06	5.30	1.00	7.80	6.68	1.00	18.06	5.30
6100-10009-123A13A1020000	0.10	9.86	5.41	0.10	9.83	5.53	0.10	9.65	6.62
609056001	0.10	134930.29	371.97	0.10	134148.59	353.24	0.10	138318.62	360.31
541-08002	0.10	4287.55	83.52	0.10	4270.85	79.14	0.10	4167.56	41.29
541-08001	0.10	84.17	9.60	0.90	82.81	10.57	0.10	82.51	9.35
7110-1314	0.10	293.81	12.58	0.10	293.31	12.71	0.10	319.09	18.38
516-08028	0.10	13.11	1.62	0.10	13.07	1.62	0.20	12.92	1.63
7110-1318	0.10	1398.13	26.35	0.10	1403.40	25.95	0.10	1436.02	32.20
4-753-3839-0	0.10	55.23	7.18	0.10	55.23	7.23	0.10	60.08	7.47
4-269-3849-0	0.10	161289.38	7.01	0.10	161164.10	7.03	0.10	159749.45	7.09
4-269-3838-0	0.10	32382.83	5.89	0.10	32311.94	5.94	0.10	33898.48	6.04
4-128-4366-8	1.00	97.90	7.02	1.00	97.90	7.56	1.00	97.90	7.02
3400-10013	0.10	20.67	10.32	0.10	20.58	9.60	0.10	21.39	13.59
3400-01015	0.10	49.26	13.64	0.10	49.18	13.43	0.10	55.75	28.74
2312-0060	0.20	882129.05	13.83	0.20	880033.09	14.03	0.30	889988.63	14.12
827-1648-NJT	0.10	1373.67	31.27	0.10	1369.19	29.86	0.10	1532.82	41.84
534-10001	0.10	186280.46	244.95	1.00	180674.12	8.63	0.10	176801.57	134.36
7110-7800	0.10	74.10	8.66	0.10	73.93	8.57	0.10	69.82	6.65
827-1596	0.10	1261.03	55.76	0.10	1256.48	52.86	0.10	1379.82	70.89
827-1399	0.10	20.71	20.40	0.10	20.75	20.86	0.10	22.99	22.02
0001-1102	0.10	103962.33	5.24	1.00	100997.89	4.29	0.10	95245.44	3.78
827-1311	0.10	13411.51	21.85	0.10	13401.18	21.53	0.10	15264.43	42.58
827-1306	0.10	8506.81	59.65	0.10	8492.04	56.87	0.10	9382.42	131.62
7110-8009	0.10	208.68	29.26	0.10	209.34	28.68	0.10	203.64	35.07
7110-7811	0.10	23.38	26.38	0.10	23.46	26.30	0.10	23.28	27.45
7110-1307	0.10	30.86	5.20	0.10	30.42	5.14	0.10	29.86	4.21
7110-7804	0.10	127.61	10.29	0.10	127.37	10.22	0.10	124.53	10.66
13729	0.10	382.44	5.26	0.10	382.08	5.26	0.10	379.49	5.26
7110-7008	0.20	82.02	13.85	0.20	82.17	13.73	0.10	82.16	14.37
7110-7005	0.10	66.67	19.05	0.10	66.53	18.83	0.10	69.21	19.46
7110-2045	0.10	1952953.18	649.94	0.10	1949995.91	616.86	0.10	2027133.51	789.68
7110-2019	0.10	7930.96	114.29	0.10	7936.10	108.68	0.10	8348.19	158.70
7110-1327	0.10	1576.95	8.38	0.10	1576.82	8.41	0.10	1572.57	8.34
7110-1324	0.20	2.86	8.46	0.40	2.82	9.73	0.10	3.34	8.39
7110-1321	0.90	64012.08	111.59	1.00	31777.90	66.07	1.00	64850.91	119.14
7110-1319	0.10	1682.78	35.97	0.10	1691.23	34.93	0.10	1653.53	41.31
7110-7809	0.10	398.18	24.99	0.10	396.74	23.99	0.10	403.23	30.87

Table C-4. Continued

	Croston			Approximation to Croston			Modified Croston		
Part Numbers	**Alpha**	**MSE**	**MAPE**	**Alpha**	**MSE**	**MAPE**	**Alpha**	**MSE**	**MAPE**
071-0125	0.10	75.99	10.11	0.10	76.00	10.13	0.10	77.31	9.82
2309-0003	0.10	24.18	13.90	0.10	24.11	13.50	0.10	24.84	16.75
071-2311	0.10	420.58	7.10	0.90	416.94	7.22	0.10	416.03	7.44
071-1588	0.10	9808.66	238.43	0.10	9809.49	226.47	0.10	10252.66	314.28
071-1573	1.00	198.73	18.37	1.00	197.72	16.65	1.00	198.73	18.37
071-1432	0.10	29267.95	17.95	0.10	29224.76	17.46	0.10	30707.19	25.12
071-1315	0.10	217.68	20.02	0.10	218.39	20.02	0.10	221.96	29.07
071-1011	0.10	222.34	14.14	0.10	221.89	13.73	0.10	222.40	17.21
071-3233	0.10	28663.10	130.56	0.10	28608.38	123.60	0.10	29030.97	175.63
071-0159	0.10	456.51	14.17	0.10	456.39	14.33	0.10	459.56	16.86
071-7016	0.10	195.71	5.19	0.10	194.85	5.21	0.10	192.88	6.16
065-2714	0.10	29982.22	37.74	0.10	29725.53	36.11	0.10	29014.12	46.11
065-1492	0.10	127711.46	544.77	0.10	127050.97	517.15	0.10	135569.80	722.35
065-0203	0.10	1661.30	55.60	0.20	1650.58	58.63	0.20	1804.08	86.01
065-0191-7	0.10	10376.01	169.55	0.10	10355.19	161.28	0.10	10620.38	226.64
061-1305	0.20	14915.17	139.17	0.20	14832.37	125.74	0.10	15819.92	217.56
061-1013	0.10	5475.33	7.74	0.10	5472.75	7.76	0.10	5561.25	7.67
0001-7054	0.10	46.13	34.18	0.10	45.89	32.34	0.10	52.14	51.11
0001-7047	0.10	158.94	27.57	0.10	158.04	26.87	0.10	173.89	33.48
071-0161	0.10	2927.80	59.62	0.80	2843.62	48.29	0.30	2803.53	69.78
079-0141	0.10	2398.03	97.71	0.10	2392.01	92.60	0.10	2459.79	122.83
116-08094	0.10	2115.70	11.64	0.20	2114.19	11.53	0.10	2146.92	11.97
1100-08107	1.00	1051.65	3.98	0.60	1053.21	3.99	1.00	1051.65	3.98
1100-08037	0.10	26.35	34.00	0.10	26.47	33.11	0.10	26.50	44.26
1100-01038	0.10	80.87	19.85	0.20	80.93	19.60	0.10	81.86	19.47
1100-01025	0.30	105.73	66.02	0.50	101.84	51.72	0.20	111.29	75.60
079-2701	0.10	13156.21	19.39	0.10	13120.58	18.79	0.10	17343.98	40.45
079-2660	0.10	52406.27	22.84	0.10	52304.09	22.65	0.10	53287.97	22.14
071-2312	0.10	416.98	4.39	1.00	411.18	4.63	0.20	413.01	4.51
079-0142	0.10	361.75	13.94	0.10	359.81	14.28	0.10	425.44	11.89
827-1510	0.30	117.35	2.72	0.20	117.41	2.72	0.70	117.83	2.72
079-0140	0.10	287.93	14.65	0.10	287.91	14.57	0.10	323.65	15.16
079-0136	0.10	680.45	6.75	0.10	677.07	6.78	0.10	682.89	7.00
076-1402	0.10	10965.38	7.33	0.10	10657.99	6.97	0.10	8202.79	2.38
076-1102	0.10	16.14	1.58	0.10	15.73	1.58	0.10	13.41	1.61
076-0117	0.10	32467.98	6.28	0.30	32279.28	6.29	0.10	34260.63	6.12
076-0106	0.10	32034.80	7.88	0.10	31874.43	7.90	0.10	50263.85	7.26
076-0104	0.10	699.09	6.89	0.10	698.02	6.79	0.10	827.83	18.07
071-8092	0.10	66.38	9.20	0.10	66.20	9.29	0.10	66.32	9.52
079-2658	0.10	71580.58	8.24	0.10	71274.74	8.35	0.10	70882.32	9.38
9501-1104	0.80	414.20	6.08	1.00	110.13	3.82	0.90	416.28	6.40
9601-1900	0.10	6.88	8.52	0.10	6.82	8.50	0.10	6.76	7.18

Table C-4. Continued

	Croston			Approximation to Croston			Modified Croston		
Part Numbers	Alpha	MSE	MAPE	Alpha	MSE	MAPE	Alpha	MSE	MAPE
9601-1403	0.20	212.97	6.09	1.00	206.34	6.48	0.50	212.52	6.01
9501-8419	1.00	2647.30	21.06	0.90	2563.78	16.91	0.70	2616.92	24.44
9501-3065	0.10	213907.26	298.18	0.10	213562.31	283.07	0.10	215201.50	320.71
9501-1493	0.10	1214.26	34.88	0.20	1215.57	34.69	0.10	1218.64	46.65
9501-1431	0.10	14.15	7.87	0.10	14.09	7.89	0.10	14.60	8.14
9501-1383	0.60	406.04	66.99	1.00	111.48	35.48	0.90	407.46	67.18
9330-1003	0.10	11.22	3.09	0.10	11.20	3.16	0.10	11.05	3.88
9501-1346	0.20	210.71	10.01	1.00	94.42	10.73	0.70	226.20	7.77
961-0104	0.10	7296.47	41.47	1.00	6956.02	34.63	0.10	7646.95	52.42
9501-0412	0.10	119.79	7.95	0.10	119.67	8.00	0.10	124.67	8.23
9501-0223	0.30	440.77	32.01	0.80	327.35	22.20	0.50	502.84	45.13
9501-0152	0.10	441.26	8.39	0.10	435.99	8.29	0.10	734.33	17.63
9501-0144	0.20	88.34	11.51	0.50	86.44	9.69	0.10	92.51	15.74
9501-0140	0.10	47368.76	12.31	0.10	47288.82	12.15	0.10	47670.94	11.34
9501-0121	0.20	149.42	34.47	0.60	136.17	25.53	0.30	170.33	44.51
827-1668	0.10	33913.12	98.61	0.10	33794.05	93.60	0.10	34876.71	146.27
9330-1007	0.10	13.17	4.61	0.10	13.15	4.66	0.10	13.04	5.04
9501-1372	0.50	206.78	8.01	0.60	207.55	8.27	0.20	203.90	7.96
9801-1374	1.00	106.97	6.64	1.00	108.21	6.31	1.00	106.97	6.64
SME0764604	0.40	81.76	10.12	0.40	81.90	10.64	0.90	82.69	9.33
SME0764302	0.50	253.07	6.54	1.00	117.33	6.80	0.90	267.95	5.98
MF-RC17101C/03E	0.70	3169146.78	105.17	1.00	1297680.81	45.39	0.90	3305612.31	110.41
LAS8500	0.20	85397.40	109.93	0.30	83956.20	88.13	0.20	85999.78	124.98
HDLO-2416	0.10	939.46	76.42	0.10	936.93	73.03	0.10	1029.26	115.88
CUB12 VERSION AD	0.10	1.74E+11	58.67	0.10	1.74E+11	56.44	0.10	1.72E+11	47.58
C24003-0501FB	0.10	673.57	12.57	1.00	665.55	8.15	0.30	671.48	11.49
BIM 2020 CASS	0.10	332.85	3.51	0.10	330.85	3.51	0.10	321.76	3.74
9601-7004	0.10	735.34	42.04	0.10	734.52	40.79	0.10	732.42	55.78
9801-1376	0.20	15.64	5.12	0.10	15.67	5.32	0.40	15.75	5.33
9601-7801	0.10	25.09	6.76	1.00	23.38	9.81	0.10	23.78	7.57
9801-1337	0.10	100.57	3.05	0.10	99.63	2.94	0.10	92.62	3.53
9801-0122	0.50	89.10	12.26	0.50	89.80	12.98	0.40	90.18	11.63
968-2085-7	0.10	17024.81	3.50	0.10	16981.81	3.53	0.10	30886.82	3.10
968-2078-7	0.10	26154.13	6.75	0.10	25727.22	6.58	0.10	22337.86	4.21
968-1435-1	0.10	165.66	8.72	0.20	165.77	8.67	0.10	165.78	8.83
968-0113-1	0.10	64329.00	50.30	0.10	63733.65	48.38	0.20	66781.14	59.24
964-2040-7	0.10	5191.67	7.32	0.10	5185.02	7.37	0.10	5222.22	7.53
940-1019	0.10	1590.96	10.91	1.00	1536.37	11.82	0.10	1550.10	9.63
9801-1412	0.10	60.99	7.38	0.10	60.07	7.42	0.10	63.05	6.68
827-1940	0.10	15694.87	59.06	0.10	15651.13	56.71	0.10	16182.83	77.88
9330-1001	0.10	9.58	3.89	1.00	9.48	4.23	0.10	9.41	4.27

Table C-4. Continued

	Croston			Approximation to Croston			Modified Croston		
Part Numbers	**Alpha**	**MSE**	**MAPE**	**Alpha**	**MSE**	**MAPE**	**Alpha**	**MSE**	**MAPE**
8500-0129	0.10	555.36	11.84	1.00	540.54	11.48	0.10	619.26	11.34
9501-0138	0.10	35048.74	16.12	0.10	35007.32	16.00	0.10	36290.37	17.35
827-8021-1	0.10	6.45	18.53	0.10	6.45	18.82	0.10	6.65	17.50
827-8000	0.10	13517.85	38.45	0.10	13494.23	36.94	0.10	13705.45	45.25
827-7802	0.30	4.25	12.45	0.40	4.26	12.64	0.10	4.15	12.47
827-4404	0.10	38.49	13.48	0.10	38.35	13.58	0.10	41.34	14.99
8500-2211	0.10	6361.98	31.78	0.10	6380.93	31.22	0.10	6549.57	38.97
827-1988	0.20	101.37	28.46	0.20	100.58	25.64	0.30	103.97	34.24
8500-1371-1	0.10	24.69	8.42	0.20	24.35	7.85	0.10	30.85	10.38
827-1903	0.10	15513.40	39.69	0.10	15508.96	37.77	0.10	16148.14	146.66
827-1900	0.10	73.50	7.13	0.10	73.34	7.01	0.10	74.65	7.97
827-1815	0.10	9.50	16.57	0.10	9.49	16.86	0.10	11.19	14.23
827-1801	0.10	1.77	11.60	0.10	1.77	11.85	0.10	1.90	10.06
827-1775	0.10	13226.26	48.89	0.10	13203.24	46.50	0.10	13140.95	46.40
827-1743	0.10	4521.72	17.01	0.20	4520.79	16.80	0.10	4627.74	17.20
827-1700	0.10	134.84	7.58	1.00	134.85	11.60	0.10	133.34	8.85
827-1991	0.10	0.20	4.10	0.80	0.19	3.86	0.10	0.24	4.08
931-1346	0.20	286510.28	304.71	0.20	282201.78	275.64	0.20	341327.51	631.49
9326-8100	0.10	984.56	12.58	0.10	979.71	12.32	0.10	953.19	12.03
931-2524	0.10	22671.21	30.83	1.00	20789.62	8.42	0.10	22104.30	40.77
931-2437	0.10	137810.77	24.15	0.10	137497.34	23.56	0.10	143919.89	31.60
931-1392	0.10	52.35	4.89	0.10	52.31	4.91	0.10	52.55	5.01
8500-0118	0.20	3575.14	47.94	0.30	3499.76	44.82	0.30	4125.12	71.21
931-1389	0.10	614.01	8.26	0.30	613.41	8.23	0.20	616.37	8.27
8500-7805	0.10	299.06	17.90	0.10	299.13	17.39	0.10	297.66	21.49
931-1331	0.10	751.74	6.53	0.10	749.75	6.56	0.10	1025.76	5.59
931-1322	0.10	129.55	9.25	0.10	128.78	9.26	0.10	155.87	6.89
931-0108	0.10	433715.40	64.32	0.10	432123.54	61.72	0.10	462377.95	97.32
8500-8038-2	0.10	148.07	9.84	0.60	146.67	8.96	0.10	160.19	7.85
931-0101	0.20	706320.14	55.56	0.20	703601.45	51.00	0.10	732775.47	57.71
931-0406	0.10	5469.50	40.14	0.10	5463.70	38.43	0.10	6307.44	57.84
931-0109	0.10	196021.74	39.02	0.10	195476.13	37.71	0.10	211818.87	48.16
931-0112	0.10	8145.11	11.69	0.10	8131.08	11.69	0.10	8433.20	12.58
931-0405	0.10	1148.32	11.67	0.10	1150.35	11.64	0.10	1158.75	12.22

Table C- 5 Forecast for Part Numbers with Seasonality and Trend (only 827-0100) - Auto mode

Forecast Method	Parameters	MSE	MAPE
Simple Moving Average	24 months averaged	1010.95	277.20
Weighted Moving Average	24 months averaged	956.73	269.79
Holt-Winters	Alpha: 0.1 Beta: 0.1 Gamma: 0.3 Best forecasted period: monthly	3558.72	106.93

Table C- 6 Forecast for Part Numbers with Seasonality but no trend - Linear Regression for Deseasonalized Data - Auto mode

	Parameters				
Part Number	Best Season	a	b	MSE	MAPE
827-1312	12	788.69	14.12	33691.74	187.91
6G3-150037	12	1573.41	-7.02	12596.74	199.65
9601-7022	12	1310.33	-6.99	49857.62	119.00
9801-7012	12	1606.62	-9.63	258133.09	1066.86
827-1538	12	2922.15	-0.03	88145.75	471.51
6G3-145037	12	1528.20	-6.39	13880.17	187.43

Table C- 7 Forecast for Part Numbers with neither Seasonality nor Trend - Single Exponential Smoothing - Auto mode

Part Number	Alpha	MSE	MAPE
SSRF-4ZZRA3P25LG32VN	0.20	29986.01	225.85
0001-1129	0.10	55188.17	766.91
0001-1104	0.10	75637.23	525.88
071-0163	0.10	70779.45	405.71

Table C- 8 Best Forecast Summary - Automatic mode

Part Number	Best Forecast	Theil-U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
0001-1102	Modified Croston	0.30	yes	0	623	32.94	yes	48.08
0001-1104	Single Exponential Smoothing	1.68	no			4.26	yes	87.90
0001-1129	Single Exponential Smoothing	0.88	yes	0	603	10.71	yes	147.64
0001-7047	Approximation to Croston	0.93	yes	0	29	-4.12	yes	6.62
0001-7054	Approximation to Croston	1.02	no			1.39	no	3.79
061-1013	Approximation to Croston	0.06	yes	0	166	27.57	yes	21.81
061-1305	Approximation to Croston	1.86	no			19.54	yes	36.74
065-0191-7	Approximation to Croston	0.94	yes	0	218	8.21	yes	49.59
065-0203	Approximation to Croston	1.17	no			-3.63	yes	17.80
065-1492	Approximation to Croston	0.72	yes	0	728	-4.92	yes	191.44
065-2714	Modified Croston	3.97	no			-20.58	yes	70.02
071-0125	Croston	0.53	yes	0	21	13.51	yes	4.59
071-0159	Approximation to Croston	0.87	yes	0	46	42.17	yes	5.12
071-0161	Modified Croston	1.39	no			3.44	yes	24.57
071-0163	Single Exponential Smoothing	1.00	no			-0.15	no	76.98
071-1011	Approximation to Croston	1.35	no			1.04	no	6.49
071-1315	Croston	1.03	no			46.48	yes	6.40
071-1432	Approximation to Croston	1.90	no			7.90	yes	84.13
071-1573	Approximation to Croston	0.50	yes	0	28	48.79	yes	4.35
071-1588	Croston	0.83	yes	0	266	25.54	yes	44.78
071-2311	Modified Croston	0.13	yes	0	47	31.09	yes	7.56
071-2312	Approximation to Croston	0.04	yes	0	41	23.10	yes	6.29
071-3233	Approximation to Croston	0.96	yes	0	393	21.15	yes	80.52
071-7016	Modified Croston	0.48	yes	0	30	2.11	no	4.70
071-8092	Approximation to Croston	0.30	yes	0	18	-2.68	no	4.04
076-0104	Approximation to Croston	1.10	no			10.97	yes	7.72
076-0106	Approximation to Croston	0.99	yes	0	387	-22.29	yes	97.43
076-0117	Approximation to Croston	0.49	yes	0	375	-14.04	yes	88.36
076-1102	Modified Croston	0.04	yes	0	9	-57.07	yes	1.63

Table C-8. Continued

Part Number	Best Forecast	Theil-U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
076-1402	Modified Croston	1.31	no			-28.62	yes	28.09
079-0136	Approximation to Croston	0.09	yes	0	57	-14.74	yes	11.84
079-0140	Approximation to Croston	1.01	no			27.86	yes	6.59
079-0141	Approximation to Croston	0.98	yes	0	124	11.60	yes	23.64
079-0142	Approximation to Croston	1.00	yes	0	42	-13.63	yes	9.41
079-2658	Modified Croston	0.22	yes	0	581	13.01	yes	110.73
079-2660	Approximation to Croston	0.73	yes	0	516	4.69	yes	113.32
079-2701	Approximation to Croston	0.99	yes	0	249	7.53	yes	45.06
1100-01025	Approximation to Croston	0.97	yes	0	22	11.55	yes	6.40
1100-01038	Croston	0.97	yes	0	23	18.43	yes	5.07
1100-08037	Croston	1.01	no			17.84	yes	3.38
1100-08107	Modified Croston	0.12	yes	0	71	14.08	yes	7.45
116-08094	Approximation to Croston	0.33	yes	0	109	10.60	yes	25.28
13729	Modified Croston	0.01	yes	0	39	33.49	yes	3.45
2100-08031	Modified Croston	0.04	yes	0	5	15.38	yes	0.76
2309-0003	Approximation to Croston	1.00	no			4.65	yes	2.46
2312-0060	Approximation to Croston	0.14	yes	0	2225	5.64	yes	597.15
3400-01015	Approximation to Croston	1.02	no			14.13	yes	2.12
3400-10013	Approximation to Croston	0.99	yes	0	10	0.56	no	1.78
4-128-4366-8	Approximation to Croston	0.09	yes	0	22	22.11	yes	3.35
4-269-3838-0	Approximation to Croston	0.83	yes	0	393	-10.42	yes	83.33
4-269-3849-0	Modified Croston	0.06	yes	0	904	19.16	yes	165.80
4-753-3839-0	Croston	1.01	no			15.78	yes	3.17
504-02030	Modified Croston	0.45	yes	0	10	-7.88	yes	2.24
516-08028	Modified Croston	0.02	yes	0	8	5.23	yes	0.77
534-10001	Modified Croston	23.53	no			-5.37	yes	99.65
541-08001	Modified Croston	0.68	yes	0	22	-0.96	no	3.88

Table C-8. Continued

Part Number	Best Forecast	Theil-U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
541-08002	Modified Croston	3.84	no			22.22	yes	15.01
609056001	Approximation to Croston	12.66	no			-6.88	yes	207.71
6100-10009-123A13A1020000	Modified Croston	0.26	yes	0	7	13.19	yes	0.79
6225-01001	Approximation to Croston	0.51	yes	0	6	-28.72	yes	1.78
6G3-145037	Linear Regression for Deseasonalized data	1.02	no			-0.05	no	75.42
6G3-150037	Linear Regression for Deseasonalized data	0.69	yes	0	258	-0.40	no	71.05
7110-0103	Approximation to Croston	1.04	no			23.89	yes	13.85
7110-1307	Modified Croston	0.93	yes	0	13	-70.75	yes	2.87
7110-1314	Approximation to Croston	0.99	yes	0	40	11.86	yes	7.73
7110-1318	Croston	0.92	yes	0	109	36.76	yes	21.69
7110-1319	Modified Croston	1.00	yes	0	127	14.33	yes	26.21
7110-1321	Approximation to Croston	1.01	no			33.97	yes	86.89
7110-1324	Approximation to Croston	0.80	yes	0	4	2.96	no	0.76
7110-1327	Modified Croston	0.61	yes	0	121	44.08	yes	14.37
7110-2019	Croston	0.88	yes	0	231	18.95	yes	51.47
7110-2045	Approximation to Croston	0.98	yes	0	3574	11.80	yes	914.18
7110-7005	Approximation to Croston	0.90	yes	0	20	10.71	yes	4.78
7110-7008	Croston	0.81	yes	0	25	19.62	yes	5.16
7110-7800	Modified Croston	0.92	yes	0	21	10.56	yes	3.24
7110-7804	Modified Croston	0.73	yes	0	27	8.00	yes	5.12
7110-7809	Approximation to Croston	0.81	yes	0	42	-12.90	yes	7.64
7110-7811	Modified Croston	0.61	yes	0	15	-2.51	no	3.17
7110-8009	Modified Croston	0.95	yes	0	44	9.04	yes	8.18

Table C-8. Continued

Part Number	Best Forecast	Theil-U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
827-0100	Weighted Moving Average	2.70	no			-94.83	yes	15.79
827-1306	Approximation to Croston	1.01	no			20.42	yes	24.56
827-1311	Approximation to Croston	1.00	no			55.99	yes	17.67
827-1312	Linear Regression for Deseasonalized data	0.81	yes	55	775	-0.31	no	115.98
827-1399	Croston	0.97	yes	0	14	21.70	yes	3.10
827-1510	Croston	0.05	yes	0	24	53.29	yes	1.89
827-1538	Linear Regression for Deseasonalized data	0.57	yes	0	861	0.14	no	194.23
827-1596	Approximation to Croston	0.97	yes	0	78	-3.16	yes	20.27
827-1648-NJT	Approximation to Croston	0.95	yes	0	85	3.88	yes	19.52
827-1668	Approximation to Croston	1.02	no			9.02	yes	105.71
827-1700	Modified Croston	0.98	yes	0	28	21.70	yes	4.52
827-1743	Approximation to Croston	0.96	yes	0	169	16.23	yes	38.66
827-1775	Modified Croston	1.69	no			6.03	yes	32.06
827-1801	Approximation to Croston	0.66	yes	0	4	-0.52	no	0.73
827-1815	Approximation to Croston	0.93	yes	0	8	15.92	yes	2.02
827-1900	Approximation to Croston	1.01	no			-14.44	yes	3.41
827-1903	Approximation to Croston	8.02	no			74.44	yes	14.55
827-1940	Approximation to Croston	1.02	no			36.83	yes	26.55
827-1988	Approximation to Croston	0.87	yes	0	21	1.07	no	3.49
827-1991	Approximation to Croston	0.97	yes	0	1	-58.82	yes	0.25
827-4404	Approximation to Croston	0.81	yes	0	14	-0.45	no	2.99
827-7802	Modified Croston	0.92	yes	0	7	38.83	yes	0.93
827-8000	Approximation to Croston	1.99	no			38.57	yes	19.36
827-8021-1	Croston	0.82	yes	0	7	10.30	yes	1.77

Table C-8. Continued

Part Number	Best Forecast	Theil-U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
8500-0118	Approximation to Croston	1.15	no			-8.51	yes	34.22
8500-0129	Approximation to Croston	0.98	yes	0	51	10.05	yes	10.70
8500-1371-1	Approximation to Croston	0.44	yes	0	11	-33.92	yes	2.64
8500-2211	Croston	0.93	yes	0	222	34.78	yes	45.20
8500-7805	Modified Croston	0.96	yes	0	38	9.58	yes	5.30
8500-8038-2	Approximation to Croston	0.39	yes	0	28	-7.55	yes	4.50
931-0101	Approximation to Croston	7.78	no			1.18	no	492.37
931-0108	Approximation to Croston	0.54	yes	0	1492	-6.90	yes	393.72
931-0109	Approximation to Croston	0.74	yes	0	998	-4.75	yes	253.78
931-0112	Approximation to Croston	0.97	yes	0	191	5.06	yes	25.83
931-0405	Croston	0.99	yes	0	80	30.76	yes	15.81
931-0406	Approximation to Croston	3.26	no			12.00	yes	33.47
931-1322	Approximation to Croston	0.99	yes	0	25	-27.38	yes	5.90
931-1331	Approximation to Croston	1.03	no			-7.91	yes	9.16
931-1346	Approximation to Croston	3.91	no			-9.99	yes	325.36
931-1389	Approximation to Croston	0.24	yes	0	56	6.88	yes	13.19
931-1392	Approximation to Croston	0.09	yes	0	16	11.51	yes	2.39
931-2437	Approximation to Croston	1.81	no			-0.63	no	164.85
931-2524	Approximation to Croston	0.14	yes	0	333	-5.06	yes	59.68
9326-8100	Modified Croston	0.92	yes	0	69	30.87	yes	9.47
9330-1001	Modified Croston	0.08	yes	0	7	35.99	yes	0.76
9330-1003	Modified Croston	0.21	yes	0	7	32.54	yes	0.76
9330-1007	Modified Croston	0.11	yes	0	8	38.98	yes	0.87
940-1019	Approximation to Croston	0.25	yes	0	80	8.48	yes	17.25
9501-0121	Approximation to Croston	1.02	no			6.54	yes	6.37

Table C-8. Continued

Part Number	Best Forecast	Theil-U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
9501-0138	Approximation to Croston	0.92	yes	0	430	11.23	yes	103.02
9501-0140	Approximation to Croston	1.26	no			9.58	yes	100.68
9501-0144	Approximation to Croston	0.46	yes	0	19	4.29	yes	3.32
9501-0152	Approximation to Croston	1.00	no			-47.07	yes	9.55
9501-0223	Approximation to Croston	0.99	yes	0	40	-15.85	yes	11.27
9501-0412	Approximation to Croston	0.14	yes	0	25	5.01	yes	5.08
9501-1104	Approximation to Croston	0.22	yes	0	21	-79.30	yes	3.81
9501-1346	Approximation to Croston	0.53	yes	0	20	-50.99	yes	7.13
9501-1372	Modified Croston	0.32	yes	0	37	4.43	yes	7.58
9501-1383	Approximation to Croston	1.05	no			-69.10	yes	4.16
9501-1431	Approximation to Croston	0.88	yes	0	9	-6.22	yes	1.85
9501-1493	Croston	1.04	no			25.06	yes	19.18
9501-3065	Approximation to Croston	0.94	yes	0	984	15.27	yes	120.00
9501-8419	Approximation to Croston	0.90	yes	0	101	13.09	yes	10.06
9601-1403	Approximation to Croston	0.22	yes	0	30	11.05	yes	5.36
9601-1900	Modified Croston	0.54	yes	0	7	-22.86	yes	1.27
9601-7004	Modified Croston	0.89	yes	0	72	-4.77	yes	12.04
9601-7022	Linear Regression for Deseasonalized data	0.79	yes	0	514	0.82	no	138.59
9601-7801	Approximation to Croston	0.17	yes	0	10	50.95	yes	1.38
961-0104	Approximation to Croston	1.03	no			4.54	yes	34.68
964-2040-7	Approximation to Croston	0.13	yes	0	161	1.62	no	33.77
968-0113-1	Approximation to Croston	8.68	no			-26.74	yes	166.51
968-1435-1	Croston	0.35	yes	0	30	22.50	yes	5.42
968-2078-7	Modified Croston	0.65	yes	0	334	-15.33	yes	40.90
968-2085-7	Approximation to Croston	1.01	no			-16.27	yes	34.05

Table C-8. Continued

Part Number	Best Forecast	Theil-U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
9801-0122	Croston	0.60	yes	0	31	32.24	yes	2.94
9801-1337	Modified Croston	0.77	yes	0	20	-4.06	yes	2.06
9801-1374	Croston	0.38	yes	0	36	11.87	yes	3.25
9801-1376	Croston	0.12	yes	0	9	47.14	yes	0.85
9801-1412	Approximation to Croston	0.89	yes	0	18	-23.47	yes	4.70
9801-7012	Linear Regression for Deseasonalized data	1.08	no			-1.39	no	206.63
BIM 2020 CASS	Modified Croston	0.57	yes	0	38	-9.80	yes	4.95
C24003-0501FB	Approximation to Croston	0.07	yes	0	51	3.79	yes	11.67
CUB12 VERSION AD	Modified Croston	0.95	yes	0	927624	14.58	yes	155670.60
HDLO-2416	Approximation to Croston	0.89	yes	0	71	9.81	yes	18.37
LAS8500	Approximation to Croston	1.37	no			19.43	yes	99.02
MF-RC17101C/03E	Approximation to Croston	1.03	no			-4.32	yes	542.19
SME0764302	Approximation to Croston	0.20	yes	0	26	-28.68	yes	6.36
SME0764604	Croston	0.32	yes	0	21	4.97	yes	4.53
SSRF-4ZZRA3P25LG32VN	Single Exponential Smoothing	1.11	no			0.17	no	102.51

Table C- 9 Inventory Summary Auto-Mode

		Re-Order Level		Re-Order Cycle	
Part Number	**Lead Time (Months)**	**EOQ (Units)**	**M (Units)**	**Ro (Months)**	**S (Units)**
0001-1102	10	22	442	1	478
0001-1104	11				
0001-1129	10	76	1561	1	1641
0001-7047	3	14	29	3	51
0001-7054	3				
061-1013	9	66	290	3	370
061-1305	9				
065-0191-7	1	103	35	6	161
065-0203	1				
065-1492	2	98	146	3	307
065-2714	2				
071-0125	3	16	23	5	49
071-0159	2	17	19	4	45
071-0161	3				
071-0163	3				
071-1011	12				
071-1315	10				
071-1432	2				
071-1573	8	4	417	16	709
071-1588	3	55	235	1	293
071-2311	6	22	75	3	107
071-2312	0	9	0	9	9
071-3233	2	182	109	3	304
071-7016	3	8	25	3	40
071-8092	2	8	20	4	37
076-0104	1				
076-0106	1	208	37	6	269
076-0117	2	165	74	7	295
076-1102	12	2	85	1	90
076-1402	3				
079-0136	2	17	35	3	62
079-0140	3				
079-0141	4	37	134	1	176
079-0142	3	19	36	4	70
079-2658	9	117	745	2	884
079-2660	2	399	125	6	553
079-2701	1	76	49	3	139
1100-01025	2	15	24	8	65
1100-01038	2	16	16	3	36
1100-08037	9				

Table C-9. Continued

Part Number	Lead Time (Months)	EOQ (Units)	M (Units)	Ro (Months)	S (Units)
1100-08107	2	19	28	3	53
116-08094	9	82	287	4	392
13729	2	3	22	3	39
2100-08031	12	2	78	4	91
2309-0003	3				
2312-0060	1	918	409	2	1345
3400-01015	2				
3400-10013	13	3	117	3	131
4-128-4366-8	3	7	22	4	38
4-269-3838-0	2	119	127	3	266
4-269-3849-0	2	245	204	2	461
4-753-3839-0	1				
504-02030	3	5	18	3	29
516-08028	12	2	77	4	89
534-10001	9				
541-08001	10	10	102	3	120
541-08002	10				
609056001	2				
6100-10009-123A13A1020000	12	1	70	1	75
6225-01001	2	2	25	4	42
6G3-145037	2				
6G3-150037	2	207	125	6	364
7110-0103	3				
7110-1307	12	7	110	3	128
7110-1314	3	28	40	5	79
7110-1318	2	108	87	3	200
7110-1319	2	124	120	3	248
7110-1321	2				
7110-1324	9	2	74	5	96
7110-1327	1	107	59	2	168
7110-2019	2	94	107	2	207
7110-2045	1	2111	570	3	2696
7110-7005	3	10	30	3	46
7110-7008	3	20	32	3	57
7110-7800	4	6	29	1	36
7110-7804	9	16	100	4	127
7110-7809	2	8	38	3	63
7110-7811	3	14	23	3	40
7110-8009	3	30	60	2	93
827-0100	2				
827-1306	1				
827-1311	1				

Table C-9. Continued

Part Number	Lead Time (Months)	EOQ (Units)	M (Units)	Ro (Months)	S (Units)
827-1312	3	391	1049	1	1442
827-1399	2	13	17	3	33
827-1510	9	4	62	2	71
827-1538	1	831	384	3	1226
827-1596	2	38	47	4	106
827-1648-NJT	1	54	14	4	77
827-1668	2				
827-1700	8	8	81	1	92
827-1743	1	131	29	4	167
827-1775	2				
827-1801	8	2	45	5	58
827-1815	5	5	35	3	45
827-1900	10				
827-1903	2				
827-1940	2				
827-1988	9	4	210	7	281
827-1991	2	1	16	27	67
827-4404	9	6	94	4	115
827-7802	8	6	33	2	41
827-8000	2				
827-8021-1	2	8	12	5	26
8500-0118	2				
8500-0129	2	26	27	5	69
8500-1371-1	8	4	91	3	110
8500-2211	1	215	74	3	294
8500-7805	12	7	145	2	157
8500-8038-2	2	13	20	4	40
931-0101	2				
931-0108	2	182	382	1	574
931-0109	1	246	178	2	439
931-0112	2	36	38	3	83
931-0405	3	54	66	4	132
931-0406	4				
931-1322	8	8	117	3	145
931-1331	6				
931-1346	2				
931-1389	2	24	42	3	78
931-1392	8	7	65	5	88
931-2437	3				
931-2524	5	218	335	4	578
9326-8100	2	37	36	4	82
9330-1001	12	1	89	2	95

Table C-9. Continued

Part Number	Lead Time (Months)	EOQ (Units)	M (Units)	Ro (Months)	S (Units)
9330-1003	12	1	75	2	80
9330-1007	12	1	78	1	83
940-1019	2	18	48	7	122
9501-0121	4				
9501-0138	1	168	104	3	286
9501-0140	2				
9501-0144	1	8	23	18	91
9501-0152	1				
9501-0223	2	17	23	4	55
9501-0412	2	13	24	4	48
9501-1104	12	1	2413	17	3709
9501-1346	3	4	125	9	251
9501-1372	3	18	44	2	66
9501-1383	8				
9501-1431	3	4	26	4	39
9501-1493	3				
9501-3065	1	208	124	3	346
9501-8419	2	13	62	10	152
9601-1403	9	5	149	3	176
9601-1900	9	2	52	2	58
9601-7004	2	59	47	3	110
9601-7022	3	179	240	2	438
9601-7801	3	2	32	5	54
961-0104	2				
964-2040-7	2	106	46	6	172
968-0113-1	1				
968-1435-1	8	17	90	4	121
968-2078-7	2	109	74	3	190
968-2085-7	2				
9801-0122	3	18	35	1	54
9801-1337	2	5	15	4	28
9801-1374	10	23	164	2	188
9801-1376	12	2	60	2	65
9801-1412	10	7	131	4	157
9801-7012	3				
BIM 2020 CASS	2	8	17	3	32
C24003-0501FB	4	1	445	2	545
CUB12 VERSION AD	1	47023	154575	0	201619
HDLO-2416	2	48	34	4	96
LAS8500	2				
MF-RC17101C/03E	2				
SME0764302	3	10	28	2	45
SME0764604	3	11	28	4	51
SSRF-4ZZRA3P25LG32VN	1				

Table C- 10 Changes summary for User Input mode

Part Number	Intermittent	Seasonality	Part Number	Intermittent	Seasonality
0001-7054	no	yes	827-1311	no	yes
071-0163	no	yes	827-1775	no	yes
071-1011	no	yes	827-1900	no	yes
071-1432	no	yes	827-1903	no	yes
076-0104	no	yes	827-1940	no	yes
076-1402	no	no	8500-0118	no	yes
079-0140	no	yes	931-0405	no	yes
1100-08037	no	yes	931-0406	no	yes
2309-0003	no	yes	931-1322	yes	no
3400-01015	no	yes	931-1331	no	yes
4-753-3839-0	no	yes	9501-0121	no	yes
534-10001	no	yes	9501-0152	no	no
541-08002	no	yes	9501-1383	no	yes
6G3-145037	yes	no	9501-1493	no	yes
7110-0103	no	yes	968-2085-7	no	yes
7110-1321	no	no	MF-RC17101C/03E	no	yes
827-1306	no	yes			

(*) Cells in yellow represent changes in parameters

Table C- 11 Parameters Summary - User input mode

Part Number	Best Forecast	Theil -U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
0001-1102	Modified Croston	0.30	yes	0	626	33.06	yes	48.43
0001-1104	Holt-Winters	1.03	no			8.34	yes	76.47
0001-1129	Single Exponential Smoothing	0.87	yes	0	621	11.88	yes	147.38
0001-7047	Approximation to Croston	0.93	yes	0	30	-3.45	yes	6.65
0001-7054	Linear Regression for Deseasonalized data	0.91	yes	0	16	8.70	yes	3.03
061-1013	Approximation to Croston	0.06	yes	0	167	28.51	yes	21.82
061-1305	Approximation to Croston	1.86	no			19.49	yes	36.97
065-0191-7	Approximation to Croston	0.94	yes	0	219	8.43	yes	49.81
065-0203	Approximation to Croston	1.17	no			-3.42	yes	17.89
065-1492	Approximation to Croston	0.72	yes	0	730	-4.74	yes	192.39
065-2714	Modified Croston	3.94	no			-24.83	yes	68.89
071-0125	Croston	0.53	yes	0	21	14.19	yes	4.60
071-0159	Approximation to Croston	0.87	yes	0	46	42.81	yes	5.13
071-0161	Modified Croston	1.32	no			-0.19	no	25.01
071-0163	Linear Regression for Deseasonalized data	0.92	yes	0	500	-0.09	no	70.85
071-1011	Linear Regression for Deseasonalized data	0.86	yes	0	30	31.63	yes	5.25
071-1315	Croston	1.03	no			48.48	yes	6.37
071-1432	Holt-Winters	0.70	yes	0	360	158.00	yes	47.51
071-1573	Approximation to Croston	0.50	yes	0	28	48.49	yes	4.38
071-1588	Croston	0.83	yes	0	266	21.71	yes	43.85
071-2311	Modified Croston	0.13	yes	0	47	31.92	yes	7.56
071-2312	Approximation to Croston	0.05	yes	0	46	11.82	yes	7.14
071-3233	Approximation to Croston	0.96	yes	0	394	21.09	yes	81.03

Table C-11. Continued

Part Number	Best Forecast	Theil -U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
071-7016	Modified Croston	0.29	yes	0	32	8.84	yes	4.90
071-8092	Approximation to Croston	0.30	yes	0	18	-2.18	no	4.06
076-0104	Linear Regression for Deseasonalized data	0.96	yes	0	50	18.80	yes	7.09
076-0106	Approximation to Croston	0.99	yes	0	388	-21.83	yes	97.81
076-0117	Approximation to Croston	0.49	yes	0	376	-13.72	yes	88.78
076-1102	Modified Croston	0.04	yes	0	9	-56.23	yes	1.63
076-1402	Single Exponential Smoothing	0.10	yes	0	181	0.16	no	19.27
079-0136	Approximation to Croston	0.09	yes	0	57	-14.20	yes	11.89
079-0140	Linear Regression for Deseasonalized data	0.93	yes	0	35	0.01	no	7.20
079-0141	Approximation to Croston	0.98	yes	0	124	12.77	yes	23.61
079-0142	Approximation to Croston	1.00	yes	0	42	-13.12	yes	9.44
079-2658	Modified Croston	0.22	yes	0	588	13.38	yes	112.09
079-2660	Approximation to Croston	0.73	yes	0	517	5.27	yes	113.64
079-2701	Approximation to Croston	0.99	yes	0	250	8.03	yes	45.21
1100-01025	Approximation to Croston	0.98	yes	0	22	11.25	yes	6.47
1100-01038	Croston	0.99	yes	0	25	11.11	yes	5.52
1100-08037	Linear Regression for Deseasonalized data	0.98	yes	0	12	-0.62	no	3.15
1100-08107	Modified Croston	0.12	yes	0	71	14.93	yes	7.47
116-08094	Approximation to Croston	0.33	yes	0	110	11.32	yes	25.33
13729	Modified Croston	0.01	yes	0	3	19.61	yes	0.22
2100-08031	Modified Croston	0.04	yes	0	5	15.75	yes	0.77
2309-0003	Linear Regression for Deseasonalized data	0.77	yes	0	9	14.20	yes	1.89

Table C-11. Continued

Part Number	Best Forecast	Theil-U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
2312-0060	Approximation to Croston	0.14	yes	0	2245	6.23	yes	602.72
3400-01015	Linear Regression for Deseasonalized data	0.89	yes	0	24	8.98	yes	2.23
3400-10013	Approximation to Croston	0.99	yes	0	10	1.00	no	1.80
4-128-4366-8	Croston	0.18	yes	0	23	-4.13	yes	4.45
4-269-3838-0	Approximation to Croston	0.83	yes	0	394	-9.90	yes	83.61
4-269-3849-0	Modified Croston	0.07	yes	0	863	10.59	yes	164.43
4-753-3839-0	Linear Regression for Deseasonalized data	0.90	yes	0	14	21.28	yes	2.94
504-02030	Modified Croston	0.45	yes	0	10	-7.16	yes	2.24
516-08028	Modified Croston	0.02	yes	0	8	5.71	yes	0.78
534-10001	Holt-Winters	0.81	yes	0	93	98.00	yes	7.24
541-08001	Modified Croston	0.68	yes	0	22	-0.08	no	3.89
541-08002	Holt-Winters	0.14	yes	0	39	97.45	yes	3.36
609056001	Approximation to Croston	12.66	no			-6.45	yes	209.49
6100-10009-123A13A1020000	Modified Croston	0.26	yes	0	7	13.62	yes	0.79
6225-01001	Approximation to Croston	0.51	yes	0	6	-28.16	yes	1.80
6G3-145037	Approximation to Croston	0.95	yes	0	264	0.00	no	82.61
6G3-150037	Approximation to Croston	0.70	yes	0	264	0.84	no	80.95
7110-0103	Holt-Winters	0.99	yes	0	65	-1.60	no	10.72
7110-1307	Modified Croston	0.93	yes	0	13	-69.91	yes	2.88
7110-1314	Approximation to Croston	0.99	yes	0	40	12.59	yes	7.74
7110-1318	Croston	0.92	yes	0	109	38.54	yes	21.61
7110-1319	Modified Croston	1.00	yes	0	127	12.32	yes	26.03
7110-1321	Single Exponential Smoothing	0.98	yes	0	586	-27.90	yes	118.28
7110-1324	Approximation to Croston	0.80	yes	0	4	3.22	yes	0.76
7110-1327	Modified Croston	0.61	yes	0	121	47.69	yes	14.18
7110-2019	Croston	0.88	yes	0	231	20.04	yes	51.44
7110-2045	Approximation to Croston	0.98	yes	0	3580	12.70	yes	914.72
7110-7005	Approximation to Croston	0.90	yes	0	20	11.38	yes	4.79

Table C-11. Continued

Part Number	Best Forecast	Theil-U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
7110-7008	Modified Croston	0.81	yes	0	27	3.23	yes	5.21
7110-7800	Modified Croston	0.92	yes	0	21	11.95	yes	3.24
7110-7804	Modified Croston	0.73	yes	0	27	8.83	yes	5.12
7110-7809	Approximation to Croston	0.81	yes	0	42	-12.57	yes	7.68
7110-7811	Modified Croston	0.62	yes	0	15	-4.89	yes	3.14
7110-8009	Modified Croston	0.95	yes	0	44	11.01	yes	8.13
827-0100	Weighted Moving Average	2.70	no			-94.07	yes	15.84
827-1306	Linear Regression for Deseasonalized data	0.94	yes	0	184	-1.92	no	24.69
827-1311	Holt-Winters	0.62	yes	0	235	8.59	yes	37.10
827-1312	Linear Regression for Deseasonalized data	0.81	yes	62	772	0.71	no	115.96
827-1399	Croston	0.97	yes	0	14	23.20	yes	3.09
827-1510	Croston	0.05	yes	0	24	54.23	yes	1.89
827-1538	Linear Regression for Deseasonalized data	0.57	yes	0	742	0.00	no	195.22
827-1596	Approximation to Croston	0.97	yes	0	79	-2.73	no	20.34
827-1648-NJT	Approximation to Croston	0.95	yes	0	85	4.49	yes	19.56
827-1668	Approximation to Croston	1.02	no			9.85	yes	105.81
827-1700	Modified Croston	0.98	yes	0	28	22.87	yes	4.52
827-1743	Croston	0.96	yes	0	173	31.04	yes	36.73
827-1775	Holt-Winters	0.98	yes	0	226	8.81	yes	64.02
827-1801	Approximation to Croston	0.66	yes	0	4	0.06	no	0.73
827-1815	Croston	0.93	yes	0	9	19.64	yes	2.06
827-1900	Simple Moving Average	0.76	yes	0	20	2.67	no	2.58
827-1903	Holt-Winters	0.30	yes	0	256	145.46	yes	11.14
827-1940	Holt-Winters	0.94	yes	0	259	168.16	yes	22.47
827-1988	Approximation to Croston	0.87	yes	0	21	1.20	no	3.51
827-1991	Modified Croston	0.94	yes	0	25	45.87	yes	1.56
827-4404	Approximation to Croston	0.81	yes	0	14	0.03	no	3.00
827-7802	Modified Croston	0.92	yes	0	7	35.81	yes	0.91

Table C-11. Continued

Part Number	Best Forecast	Theil-U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
827-8000	Approximation to Croston	2.00	no			68.19	yes	17.51
827-8021-1	Croston	0.82	yes	0	7	11.11	yes	1.77
8500-0118	Linear Regression for Deseasonalized data	0.96	yes	0	106	-6.64	yes	29.74
8500-0129	Approximation to Croston	0.98	yes	0	51	10.49	yes	10.74
8500-1371-1	Approximation to Croston	0.44	yes	0	11	-33.40	yes	2.65
8500-2211	Croston	0.93	yes	0	222	36.31	yes	45.09
8500-7805	Modified Croston	0.96	yes	0	37	2.76	no	5.20
8500-8038-2	Approximation to Croston	0.39	yes	0	28	-6.74	yes	4.51
931-0101	Approximation to Croston	7.78	no			1.64	no	493.92
931-0108	Approximation to Croston	0.54	yes	0	1495	-6.37	yes	394.84
931-0109	Approximation to Croston	0.74	yes	0	1000	-4.22	yes	254.50
931-0112	Approximation to Croston	0.97	yes	0	192	5.58	yes	25.90
931-0405	Linear Regression for Deseasonalized data	0.96	yes	0	76	17.32	yes	15.18
931-0406	Holt-Winters	0.82	yes	0	155	134.00	yes	19.23
931-1322	Approximation to Croston	0.99	yes	0	25	-26.93	yes	5.93
931-1331	Linear Regression for Deseasonalized data	0.94	yes	0	52	26.46	yes	7.44
931-1346	Approximation to Croston	3.91	no			-9.68	yes	326.74
931-1389	Approximation to Croston	0.24	yes	0	56	7.39	yes	13.23
931-1392	Approximation to Croston	0.09	yes	0	16	12.05	yes	2.40
931-2437	Approximation to Croston	1.81	no			-0.13	no	165.34
931-2524	Approximation to Croston	0.14	yes	0	280	-6.32	yes	56.74
9326-8100	Modified Croston	0.92	yes	0	69	26.35	yes	9.88
9330-1001	Modified Croston	0.13	yes	0	7	7.11	yes	0.94
9330-1003	Modified Croston	0.21	yes	0	7	32.96	yes	0.77
9330-1007	Modified Croston	0.11	yes	0	8	39.38	yes	0.88
940-1019	Approximation to Croston	0.25	yes	0	80	8.57	yes	17.34

Table C-11. Continued

Part Number	Best Forecast	Theil-U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
9501-0121	Linear Regression for Deseasonalized data	0.79	yes	0	23	-0.04	no	6.15
9501-0138	Approximation to Croston	0.92	yes	0	432	11.79	yes	103.43
9501-0140	Approximation to Croston	1.26	no			10.13	yes	101.09
9501-0144	Approximation to Croston	0.46	yes	0	19	4.38	yes	3.34
9501-0152	Single Exponential Smoothing	0.82	yes	0	40	0.22	no	6.47
9501-0223	Approximation to Croston	0.99	yes	0	40	-16.35	yes	11.04
9501-0412	Approximation to Croston	0.14	yes	0	25	5.54	yes	5.09
9501-1104	Approximation to Croston	0.22	yes	0	21	-78.65	yes	3.84
9501-1346	Approximation to Croston	0.53	yes	0	20	-50.54	yes	7.18
9501-1372	Modified Croston	0.32	yes	0	37	5.53	yes	7.57
9501-1383	Linear Regression for Deseasonalized data	0.94	yes	0	14	47.15	yes	1.57
9501-1431	Approximation to Croston	0.88	yes	0	9	-5.75	yes	1.86
9501-1493	Simple Moving Average	0.95	yes	0	92	3.42	yes	20.30
9501-3065	Approximation to Croston	0.94	yes	0	987	14.62	yes	120.39
9501-8419	Approximation to Croston	0.90	yes	0	101	13.12	yes	10.13
9601-1403	Approximation to Croston	0.22	yes	0	30	11.22	yes	5.41
9601-1900	Modified Croston	0.54	yes	0	7	-22.07	yes	1.27
9601-7004	Modified Croston	0.89	yes	0	72	-3.23	yes	11.99
9601-7022	Linear Regression for Deseasonalized data	0.79	yes	0	476	0.80	no	139.98
9601-7801	Approximation to Croston	0.17	yes	0	10	50.82	yes	1.39
961-0104	Approximation to Croston	1.03	no			4.53	yes	34.88
964-2040-7	Approximation to Croston	0.13	yes	0	161	2.18	no	33.86
968-0113-1	Approximation to Croston	8.68	no			-26.32	yes	167.17
968-1435-1	Croston	0.35	yes	0	30	23.17	yes	5.43

Table C-11. Continued

Part Number	Best Forecast	Theil-U	Better than Naïve	Lower Prediction Interval	Upper Prediction Interval	Tracking Signal	Review Forecast	MAD best forecast
968-2078-7	Modified Croston	0.65	yes	0	335	-14.34	yes	40.90
968-2085-7	Linear Regression for Deseasonalized data	0.98	yes	0	248	59.78	yes	22.56
9801-0122	Croston	0.61	yes	0	34	33.72	yes	2.91
9801-1337	Modified Croston	0.77	yes	0	20	-3.55	yes	2.07
9801-1374	Croston	0.40	yes	0	36	-18.54	yes	2.50
9801-1376	Croston	0.12	yes	0	9	46.71	yes	0.86
9801-1412	Approximation to Croston	0.89	yes	0	18	-22.93	yes	4.73
9801-7012	Linear Regression for Deseasonalized data	1.07	no			-0.81	no	207.53
BIM 2020 CASS	Modified Croston	0.57	yes	0	38	-9.27	yes	4.97
C24003-0501FB	Approximation to Croston	0.14	yes	0	45	3.77	yes	8.97
CUB12 VERSION AD	Modified Croston	0.95	yes	0	935225	12.57	yes	151437.10
HDLO-2416	Approximation to Croston	0.89	yes	0	72	10.36	yes	18.43
LAS8500	Approximation to Croston	1.37	no			19.74	yes	99.37
MF-RC17101C/03E	Linear Regression for Deseasonalized data	0.97	yes	0	2892	1.74	no	502.16
SME0764302	Approximation to Croston	0.20	yes	0	26	-27.92	yes	6.38
SME0764604	Croston	0.33	yes	0	21	7.36	yes	4.77
SSRF-4ZZRA3P25LG32VN	Single Exponential Smoothing	1.11	no			0.21	no	103.09

Table C- 12 Summary of Inventory results - User Input mode

		Re-Order Level		Re-Order Cycle	
Part Number	**Lead Time (Months)**	**EOQ (Units)**	**M (Units)**	**Ro (Months)**	**S (Units)**
0001-1102	10	22	444	1	481
0001-1104	11				
0001-1129	10	80	1703	1	1787
0001-7047	3	14	29	3	51
0001-7054	3	15	22	3	40
061-1013	9	66	291	3	370
061-1305	9				
065-0191-7	1	103	35	6	162
065-0203	1				
065-1492	2	98	146	3	308
065-2714	2				
071-0125	3	16	23	5	50
071-0159	2	17	19	4	45
071-0161	3				
071-0163	3	25	169	2	228
071-1011	12	4	193	2	208
071-1315	10				
071-1432	2				
071-1573	8	4	420	16	714
071-1588	3	55	235	1	292
071-2311	6	22	75	3	107
071-2312	0	20	0	4	20
071-3233	2	182	110	3	304
071-7016	3	8	25	3	40
071-8092	2	8	20	4	37
076-0104	1				
076-0106	1	208	37	6	269
076-0117	2	165	74	7	296
076-1102	12	2	86	1	90
076-1402	3	7	384	24	1214
079-0136	2	17	35	3	62
079-0140	3	16	52	10	121
079-0141	4	37	134	1	176
079-0142	3	19	36	4	70
079-2658	9	117	747	2	887
079-2660	2	399	125	6	553
079-2701	1	76	49	3	139
1100-01025	2	15	25	8	65
1100-01038	2	18	19	2	40
1100-08037	9	14	77	4	101

Table C-12. Continued

		Re-Order Level		Re-Order Cycle	
Part Number	**Lead Time (Months)**	**EOQ (Units)**	**M (Units)**	**Ro (Months)**	**S (Units)**
1100-08107	2	19	28	3	53
116-08094	9	82	287	4	393
13729	2	1	10	13	27
2100-08031	12	2	79	4	92
2309-0003	3				
2312-0060	1	918	409	2	1346
3400-01015	2	22	24	2	46
3400-10013	13	3	118	3	132
4-128-4366-8	3	9	23	3	38
4-269-3838-0	2	119	127	3	266
4-269-3849-0	2	239	195	2	447
4-753-3839-0	1				
504-02030	3	5	18	3	29
516-08028	12	2	78	4	89
534-10001	9				
541-08001	10	10	102	3	120
541-08002	10				
609056001	2				
6100-10009-123A13A1020000	12	1	71	1	76
6225-01001	2	2	25	4	42
6G3-145037	2	180	72	7	302
6G3-150037	2	178	118	6	347
7110-0103	3				
7110-1307	12	7	110	3	128
7110-1314	3	28	40	5	79
7110-1318	2	108	87	3	200
7110-1319	2	124	120	3	248
7110-1321	2	93	93	3	210
7110-1324	9	2	75	5	96
7110-1327	1	107	59	2	168
7110-2019	2	94	107	2	207
7110-2045	1	2111	570	3	2696
7110-7005	3	10	30	3	46
7110-7008	3	23	37	3	63
7110-7800	4	6	29	1	36
7110-7804	9	16	100	4	127
7110-7809	2	8	38	3	64
7110-7811	3	14	23	3	40
7110-8009	3	30	60	2	93

Table C-12. Continued

		Re-Order Level		Re-Order Cycle	
Part Number	**Lead Time (Months)**	**EOQ (Units)**	**M (Units)**	**Ro (Months)**	**S (Units)**
827-0100	2				
827-1306	1	41	15	7	84
827-1311	1				
827-1312	3	392	1054	1	1448
827-1399	2	13	17	3	33
827-1510	9	4	62	2	71
827-1538	1	627	231	4	876
827-1596	2	38	47	4	106
827-1648-NJT	1	54	14	4	77
827-1668	2				
827-1700	8	8	81	1	92
827-1743	1	139	32	3	177
827-1775	2				
827-1801	8	2	46	5	58
827-1815	5	5	35	3	45
827-1900	10	2	90	1	94
827-1903	2				
827-1940	2				
827-1988	9	4	211	7	283
827-1991	2	5	8	3	16
827-4404	9	6	94	4	116
827-7802	8	6	32	2	40
827-8000	2				
827-8021-1	2	8	12	5	26
8500-0118	2				
8500-0129	2	26	27	5	69
8500-1371-1	8	4	91	3	110
8500-2211	1	215	74	3	294
8500-7805	12	7	144	2	156
8500-8038-2	2	13	20	4	40
931-0101	2				
931-0108	2	182	382	1	574
931-0109	1	246	178	2	439
931-0112	2	36	38	3	83
931-0405	3	56	66	4	133
931-0406	4	1	15521687443493100	76143710249	2236764369884640000000
931-1322	8	8	117	3	145
931-1331	6				
931-1346	2				
931-1389	2	24	42	3	78

Table C-12. Continued

		Re-Order Level		Re-Order Cycle	
Part Number	**Lead Time (Months)**	**EOQ (Units)**	**M (Units)**	**Ro (Months)**	**S (Units)**
931-1392	8	7	65	5	88
931-2437	3				
931-2524	5	78	319	12	631
9326-8100	2	41	40	4	88
9330-1001	12	1	87	1	92
9330-1003	12	1	75	2	80
9330-1007	12	1	78	1	83
940-1019	2	18	48	7	123
9501-0121	4	13	47	6	85
9501-0138	1	168	104	3	286
9501-0140	2				
9501-0144	1	8	23	18	92
9501-0152	1	2	72	15	283
9501-0223	2	19	22	4	53
9501-0412	2	13	24	4	48
9501-1104	12	1	2432	17	3739
9501-1346	3	4	126	9	253
9501-1372	3	18	44	2	66
9501-1383	8				
9501-1431	3	4	26	4	39
9501-1493	3	64	73	3	147
9501-3065	1	208	124	3	346
9501-8419	2	13	62	10	153
9601-1403	9	5	150	3	178
9601-1900	9	2	52	2	58
9601-7004	2	59	47	3	110
9601-7022	3	123	174	3	342
9601-7801	3	2	32	5	54
961-0104	2				
964-2040-7	2	106	46	6	172
968-0113-1	1				
968-1435-1	8	17	90	4	121
968-2078-7	2	109	74	3	190
968-2085-7	2				
9801-0122	3	19	40	1	60
9801-1337	2	5	15	4	28
9801-1374	10	23	160	2	184
9801-1376	12	2	57	2	63
9801-1412	10	7	132	4	158
9801-7012	3				

Table C-12. Continued

		Re-Order Level		Re-Order Cycle	
Part Number	**Lead Time (Months)**	**EOQ (Units)**	**M (Units)**	**Ro (Months)**	**S (Units)**
BIM 2020 CASS	2	8	17	3	32
C24003-0501FB	4	2	80	1	87
CUB12 VERSION AD	1	47023	154571	0	201614
HDLO-2416	2	48	34	4	97
LAS8500	2				
MF-RC17101C/03E	2	699	1549	1	2252
SME0764302	3	10	28	2	45
SME0764604	3	11	30	5	55
SSRF-4ZZRA3P25LG32VN	1				

Table C- 13 Run Modes Summary

Run mode	% Forecast better than naïve	% Forecast do not need review	Distribution of better than naïve forecasts	Distribution of forecasts that do not need review
Automatic - no user input	70.2%	13.1%	1 (0.8%) SES 34 (28.8%) MCR 4 (3.4%) LRD 16 (13.6%) CR 63 (53.4%) ACR	11 (50%) ACR 6 (27.3%) LRD 3 (13.6%) MCR 2 (9.1%) SES
User input for data patterns	88.7%	17.3%	4 (2.7%) SES 2 (1.3%) SMA 36 (24.2%) MCR 20 (13.4%) LRD 9 (6.0%) HW 17 (11.4%) CR 61 (40.9%) ACR	11 (37.9%) ACR 1 (3.4%) HW 10 (34.5%) LRD 3 (10.3%) MCR 1 (3.4%) SMA 3 (10.3%) SES
All part numbers set as intermittent	70.2%	10.7%	64 (54.2%) ACR 18 (15.3%) CR 36 (30.5%)MCR	15 (83.3%) ACR 3 (16.7%) MCR 0 (0.0%) CR
All part numbers set to seasonality and trend	69.6%	21.4%	43 (36.8%) HW 58 (49.6%) SMA 16 (13.7%) WMA	6 (16.7%) HW 29 (80.6%) SMA 1 (2.8%) WMA
All part numbers set to neither seasonality nor trend	66.1%	33.3%	Only SES was applied in this case	Only SES was applied in this case
All part numbers set to seasonality but no trend	75.0%	34.5%	Only LRD data was used in this case	Only LRD was used in this case
All part numbers set to trend but no seasonality	64.9%	23.8%	27 (24.8%) H 61 (56.0%) SMA 21 (19.3%) WMA	14 (35.0%) H 23 (57.5%) SMA 3 (7.5%) WMA

Table C- 14 Results of the M3 Forecasting Competition for Monthly MICRO Data # 474. Forecasting Horizon = 1

METHODS	Average Symmetric MAPE
NAÏVE2	32.4
SINGLE	28.5
HOLT	26.2
DAMPEN	25.7
WINTER	26.8
COMB S-H-D	26.6
B-J automatic	26.9
AUTOBOX-1	28
AUTOBOX-2	27.7
AUTOBOX-3	25.6
ROBUST-TREND	33.5
ARARMA	28.3
AutomatANN	24
FLORES-PEARC1	26.3
FLORES-PEARC2	25
PP-Autocast	26.6
ForecastPRO	24.6
SMARTFCS	22.4
THETAsm	25.7
THETA	23.3
RBF	27.4
ForcX	24.6
AAM1	25.7
AAM2	25.7

Table C- 15 Results of M3 data using database (Auto mode)

Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve	Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve
N1402MB001	Linear Regression for Deseasonalized data	43.92	yes	N1639MB238	Linear Regression for Deseasonalized data	27.32	yes
N1403MB002	Single Exponential Smoothing	53.41	yes	N1640MB239	Simple Moving Average	27.94	yes
N1404MB003	Weighted Moving Average	28.37	yes	N1641MB240	Linear Regression for Deseasonalized data	34.03	yes
N1405MB004	Simple Moving Average	47.22	yes	N1642MB241	Linear Regression for Deseasonalized data	33.89	yes
N1406MB005	Weighted Moving Average	28.11	yes	N1643MB242	Linear Regression for Deseasonalized data	30.35	yes
N1407MB006	Single Exponential Smoothing	50.24	yes	N1644MB243	Single Exponential Smoothing	28.34	yes
N1408MB007	Single Exponential Smoothing	32.54	yes	N1645MB244	Linear Regression for Deseasonalized data	18.53	yes
N1409MB008	Single Exponential Smoothing	39.58	yes	N1646MB245	Weighted Moving Average	23.01	yes
N1410MB009	Single Exponential Smoothing	29.92	yes	N1647MB246	Weighted Moving Average	20.54	yes
N1411MB010	Weighted Moving Average	24.87	yes	N1648MB247	Holt-Winters	14.68	yes
N1412MB011	Linear Regression for Deseasonalized data	18.51	yes	N1649MB248	Single Exponential Smoothing	26.62	yes
N1413MB012	Simple Moving Average	79.94	yes	N1650MB249	Weighted Moving Average	12.85	yes
N1414MB013	Single Exponential Smoothing	45.94	yes	N1651MB250	Weighted Moving Average	23.56	yes
N1415MB014	Single Exponential Smoothing	43.50	yes	N1652MB251	Weighted Moving Average	11.31	yes
N1416MB015	Single Exponential Smoothing	42.66	yes	N1653MB252	Weighted Moving Average	23.74	yes
N1417MB016	Single Exponential Smoothing	44.24	yes	N1654MB253	Linear Regression for Deseasonalized data	10.40	yes
N1418MB017	Single Exponential Smoothing	32.47	yes	N1655MB254	Single Exponential Smoothing	28.20	yes
N1419MB018	Single Exponential Smoothing	31.44	yes	N1656MB255	Single Exponential Smoothing	24.78	yes
N1420MB019	Weighted Moving Average	25.78	yes	N1657MB256	Linear Regression for Deseasonalized data	23.68	yes
N1421MB020	Weighted Moving Average	18.82	yes	N1658MB257	Single Exponential Smoothing	28.91	yes
N1422MB021	Weighted Moving Average	31.42	yes	N1659MB258	Weighted Moving Average	27.53	yes
N1423MB022	Weighted Moving Average	46.62	yes	N1660MB259	Linear Regression for Deseasonalized data	21.07	yes
N1424MB023	Weighted Moving Average	14.20	yes	N1661MB260	Linear Regression for Deseasonalized data	41.61	yes
N1425MB024	Weighted Moving Average	46.87	yes	N1662MB261	Single Exponential Smoothing	19.42	yes
N1426MB025	Simple Moving Average	13.40	yes	N1663MB262	Single Exponential Smoothing	20.17	yes
N1427MB026	Weighted Moving Average	35.73	yes	N1664MB263	Single Exponential Smoothing	20.17	yes
N1428MB027	Simple Moving Average	18.13	yes	N1665MB264	Linear Regression for Deseasonalized data	11.58	yes

Table C-15. Continued

Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve	Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve
N1429MB028	Weighted Moving Average	21.75	yes	N1666MB265	Linear Regression for Deseasonalized data	32.97	yes
N1430MB029	Weighted Moving Average	17.01	yes	N1667MB266	Single Exponential Smoothing	25.51	yes
N1431MB030	Simple Moving Average	22.20	yes	N1668MB267	Linear Regression for Deseasonalized data	25.66	yes
N1432MB031	Weighted Moving Average	39.92	yes	N1669MB268	Single Exponential Smoothing	31.67	yes
N1433MB032	Weighted Moving Average	29.26	yes	N1670MB269	Linear Regression for Deseasonalized data	10.40	yes
N1434MB033	Simple Moving Average	21.10	yes	N1671MB270	Simple Moving Average	16.99	yes
N1435MB034	Linear Regression for Deseasonalized data	18.22	yes	N1672MB271	Linear Regression for Deseasonalized data	29.81	yes
N1436MB035	Weighted Moving Average	31.00	yes	N1673MB272	Single Exponential Smoothing	27.45	yes
N1437MB036	Linear Regression for Deseasonalized data	18.84	yes	N1674MB273	Single Exponential Smoothing	25.95	yes
N1438MB037	Weighted Moving Average	27.57	no	N1675MB274	Single Exponential Smoothing	24.66	yes
N1439MB038	Single Exponential Smoothing	30.29	yes	N1676MB275	Single Exponential Smoothing	29.65	yes
N1440MB039	Single Exponential Smoothing	20.05	yes	N1677MB276	Simple Moving Average	24.52	yes
N1441MB040	Weighted Moving Average	25.47	yes	N1678MB277	Linear Regression for Deseasonalized data	26.32	yes
N1442MB041	Single Exponential Smoothing	21.62	yes	N1679MB278	Holt-Winters	26.62	yes
N1443MB042	Weighted Moving Average	32.93	yes	N1680MB279	Holt-Winters	26.61	yes
N1444MB043	Simple Moving Average	30.09	yes	N1681MB280	Weighted Moving Average	24.66	yes
N1445MB044	Linear Regression for Deseasonalized data	21.87	yes	N1682MB281	Holt-Winters	9.04	yes
N1446MB045	Linear Regression for Deseasonalized data	26.88	yes	N1683MB282	Holt-Winters	7.56	yes
N1447MB046	Simple Moving Average	15.03	yes	N1684MB283	Holt-Winters	8.76	yes
N1448MB047	Weighted Moving Average	31.07	yes	N1685MB284	Holt-Winters	14.22	yes
N1449MB048	Single Exponential Smoothing	18.73	yes	N1686MB285	Holt-Winters	12.56	yes
N1450MB049	Weighted Moving Average	23.43	yes	N1687MB286	Holt-Winters	12.03	yes
N1451MB050	Weighted Moving Average	24.93	yes	N1688MB287	Holt-Winters	9.14	yes
N1452MB051	Weighted Moving Average	19.52	yes	N1689MB288	Weighted Moving Average	25.24	yes
N1453MB052	Linear Regression for Deseasonalized data	15.18	yes	N1690MB289	Holt-Winters	30.67	yes
N1454MB053	Single Exponential Smoothing	17.68	yes	N1691MB290	Holt-Winters	23.08	yes
N1455MB054	Single Exponential Smoothing	16.96	yes	N1692MB291	Holt-Winters	35.63	yes
N1456MB055	Single Exponential Smoothing	23.69	yes	N1693MB292	Weighted Moving Average	36.40	yes
N1457MB056	Single Exponential Smoothing	24.01	yes	N1694MB293	Holt-Winters	26.50	yes
N1458MB057	Single Exponential Smoothing	31.40	yes	N1695MB294	Holt-Winters	28.56	yes

Table C-15. Continued

Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve	Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve
N1459MB058	Single Exponential Smoothing	32.22	yes	N1696MB295	Holt-Winters	31.03	yes
N1460MB059	Linear Regression for Deseasonalized data	37.30	yes	N1697MB296	Holt-Winters	35.10	yes
N1461MB060	Weighted Moving Average	31.83	yes	N1698MB297	Weighted Moving Average	32.27	yes
N1462MB061	Weighted Moving Average	25.93	yes	N1699MB298	Holt-Winters	23.58	yes
N1463MB062	Linear Regression for Deseasonalized data	16.88	yes	N1700MB299	Weighted Moving Average	26.53	yes
N1464MB063	Single Exponential Smoothing	33.81	yes	N1701MB300	Weighted Moving Average	24.22	yes
N1465MB064	Single Exponential Smoothing	41.84	yes	N1702MB301	Weighted Moving Average	30.09	yes
N1466MB065	Single Exponential Smoothing	30.40	yes	N1703MB302	Weighted Moving Average	28.12	yes
N1467MB066	Single Exponential Smoothing	18.95	yes	N1704MB303	Holt-Winters	29.35	yes
N1468MB067	Weighted Moving Average	29.93	yes	N1705MB304	Weighted Moving Average	76.87	yes
N1469MB068	Weighted Moving Average	36.11	yes	N1706MB305	Holt-Winters	28.04	yes
N1470MB069	Single Exponential Smoothing	11.02	yes	N1707MB306	Weighted Moving Average	28.66	yes
N1471MB070	Weighted Moving Average	34.35	yes	N1708MB307	Simple Moving Average	23.93	yes
N1472MB071	Single Exponential Smoothing	9.27	yes	N1709MB308	Holt-Winters	25.27	yes
N1473MB072	Simple Moving Average	13.37	yes	N1710MB309	Holt-Winters	30.06	yes
N1474MB073	Single Exponential Smoothing	26.82	yes	N1711MB310	Weighted Moving Average	13.87	no
N1475MB074	Simple Moving Average	17.11	yes	N1712MB311	Holt-Winters	8.14	yes
N1476MB075	Simple Moving Average	20.66	yes	N1713MB312	Holt-Winters	3.45	yes
N1477MB076	Weighted Moving Average	7.36	yes	N1714MB313	Weighted Moving Average	25.06	no
N1478MB077	Weighted Moving Average	12.14	yes	N1715MB314	Holt-Winters	29.10	yes
N1479MB078	Weighted Moving Average	17.65	yes	N1716MB315	Holt-Winters	7.18	yes
N1480MB079	Linear Regression for Deseasonalized data	13.55	yes	N1717MB316	Holt-Winters	12.91	yes
N1481MB080	Simple Moving Average	11.31	yes	N1718MB317	Holt-Winters	20.29	yes
N1482MB081	Weighted Moving Average	7.92	yes	N1719MB318	Holt-Winters	8.84	yes
N1483MB082	Simple Moving Average	8.78	yes	N1720MB319	Weighted Moving Average	4.30	yes
N1484MB083	Linear Regression for Deseasonalized data	7.61	yes	N1721MB320	Holt-Winters	4.39	yes
N1485MB084	Simple Moving Average	10.31	yes	N1722MB321	Weighted Moving Average	11.53	yes
N1486MB085	Weighted Moving Average	12.20	yes	N1723MB322	Weighted Moving Average	5.71	yes
N1487MB086	Simple Moving Average	10.18	yes	N1724MB323	Holt-Winters	10.22	yes
N1488MB087	Simple Moving Average	25.06	yes	N1725MB324	Holt-Winters	11.94	yes
N1489MB088	Simple Moving Average	11.12	yes	N1726MB325	Holt-Winters	20.19	yes
N1490MB089	Weighted Moving Average	19.76	yes	N1727MB326	Holt-Winters	12.05	yes
N1491MB090	Simple Moving Average	17.82	yes	N1728MB327	Holt-Winters	10.38	yes
N1492MB091	Weighted Moving Average	13.24	yes	N1729MB328	Weighted Moving Average	29.43	no
N1493MB092	Simple Moving Average	9.39	yes	N1730MB329	Weighted Moving Average	39.38	yes
N1494MB093	Linear Regression for Deseasonalized data	6.20	yes	N1731MB330	Holt-Winters	24.20	yes
N1495MB094	Linear Regression for Deseasonalized data	4.80	yes	N1732MB331	Holt-Winters	19.65	yes
N1496MB095	Linear Regression for Deseasonalized data	6.46	yes	N1733MB332	Holt-Winters	21.24	yes

Table C-15. Continued

Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve	Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve
N1497MB096	Linear Regression for Deseasonalized data	5.70	yes	N1734MB333	Holt-Winters	25.17	yes
N1498MB097	Linear Regression for Deseasonalized data	5.46	yes	N1735MB334	Weighted Moving Average	27.94	yes
N1499MB098	Single Exponential Smoothing	10.78	yes	N1736MB335	Weighted Moving Average	33.33	yes
N1500MB099	Single Exponential Smoothing	11.82	yes	N1737MB336	Weighted Moving Average	24.12	yes
N1501MB100	Weighted Moving Average	10.78	yes	N1738MB337	Holt-Winters	24.13	yes
N1502MB101	Linear Regression for Deseasonalized data	6.25	yes	N1739MB338	Weighted Moving Average	26.63	yes
N1503MB102	Weighted Moving Average	9.69	yes	N1740MB339	Holt-Winters	31.58	yes
N1504MB103	Weighted Moving Average	10.45	yes	N1741MB340	Holt-Winters	25.57	yes
N1505MB104	Single Exponential Smoothing	11.18	yes	N1742MB341	Weighted Moving Average	26.98	yes
N1506MB105	Linear Regression for Deseasonalized data	4.97	yes	N1743MB342	Weighted Moving Average	37.35	yes
N1507MB106	Linear Regression for Deseasonalized data	7.02	yes	N1744MB343	Weighted Moving Average	27.46	yes
N1508MB107	Linear Regression for Deseasonalized data	8.92	yes	N1745MB344	Weighted Moving Average	31.56	yes
N1509MB108	Weighted Moving Average	14.48	yes	N1746MB345	Simple Moving Average	22.27	yes
N1510MB109	Linear Regression for Deseasonalized data	10.27	yes	N1747MB346	Holt-Winters	29.20	yes
N1511MB110	Weighted Moving Average	11.21	yes	N1748MB347	Holt-Winters	29.42	yes
N1512MB111	Linear Regression for Deseasonalized data	10.36	yes	N1749MB348	Weighted Moving Average	26.42	yes
N1513MB112	Linear Regression for Deseasonalized data	10.17	yes	N1750MB349	Weighted Moving Average	17.57	yes
N1514MB113	Single Exponential Smoothing	8.84	yes	N1751MB350	Holt-Winters	18.28	yes
N1515MB114	Single Exponential Smoothing	9.29	yes	N1752MB351	Weighted Moving Average	15.68	yes
N1516MB115	Linear Regression for Deseasonalized data	6.82	yes	N1753MB352	Holt-Winters	24.10	yes
N1517MB116	Linear Regression for Deseasonalized data	8.32	yes	N1754MB353	Weighted Moving Average	9.72	yes
N1518MB117	Weighted Moving Average	12.62	yes	N1755MB354	Holt-Winters	10.45	yes
N1519MB118	Linear Regression for Deseasonalized data	11.68	yes	N1756MB355	Holt-Winters	10.41	yes
N1520MB119	Single Exponential Smoothing	14.19	yes	N1757MB356	Weighted Moving Average	19.13	yes
N1521MB120	Linear Regression for Deseasonalized data	10.43	yes	N1758MB357	Holt-Winters	14.04	yes
N1522MB121	Linear Regression for Deseasonalized data	9.39	yes	N1759MB358	Weighted Moving Average	12.73	yes
N1523MB122	Single Exponential Smoothing	9.74	yes	N1760MB359	Holt-Winters	5.65	no
N1524MB123	Linear Regression for Deseasonalized data	7.87	yes	N1761MB360	Weighted Moving Average	15.91	yes
N1525MB124	Linear Regression for Deseasonalized data	8.72	yes	N1762MB361	Holt-Winters	13.36	yes
N1526MB125	Single Exponential Smoothing	11.58	yes	N1763MB362	Holt-Winters	7.58	yes

Table C-15. Continued

Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve	Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve
N1527MB126	Single Exponential Smoothing	11.11	yes	N1764MB363	Holt-Winters	15.81	yes
N1528MB127	Single Exponential Smoothing	14.07	yes	N1765MB364	Holt-Winters	22.86	yes
N1529MB128	Single Exponential Smoothing	15.02	yes	N1766MB365	Weighted Moving Average	16.93	yes
N1530MB129	Linear Regression for Deseasonalized data	17.62	yes	N1767MB366	Simple Moving Average	21.83	yes
N1531MB130	Weighted Moving Average	13.71	yes	N1768MB367	Weighted Moving Average	13.82	yes
N1532MB131	Simple Moving Average	13.16	yes	N1769MB368	Simple Moving Average	5.83	yes
N1533MB132	Linear Regression for Deseasonalized data	10.72	yes	N1770MB369	Weighted Moving Average	8.87	yes
N1534MB133	Linear Regression for Deseasonalized data	12.24	yes	N1771MB370	Weighted Moving Average	4.07	yes
N1535MB134	Weighted Moving Average	14.80	yes	N1772MB371	Weighted Moving Average	3.83	yes
N1536MB135	Simple Moving Average	17.74	yes	N1773MB372	Holt-Winters	7.59	yes
N1537MB136	Weighted Moving Average	16.41	yes	N1774MB373	Holt-Winters	6.51	yes
N1538MB137	Single Exponential Smoothing	16.62	yes	N1775MB374	Holt-Winters	6.81	yes
N1539MB138	Linear Regression for Deseasonalized data	13.90	yes	N1776MB375	Holt-Winters	3.69	yes
N1540MB139	Weighted Moving Average	12.23	yes	N1777MB376	Holt-Winters	8.37	yes
N1541MB140	Weighted Moving Average	15.97	yes	N1778MB377	Weighted Moving Average	5.88	yes
N1542MB141	Linear Regression for Deseasonalized data	13.36	yes	N1779MB378	Holt-Winters	30.75	yes
N1543MB142	Weighted Moving Average	16.41	no	N1780MB379	Holt-Winters	25.30	yes
N1544MB143	Weighted Moving Average	9.20	yes	N1781MB380	Single Exponential Smoothing	43.56	yes
N1545MB144	Linear Regression for Deseasonalized data	7.58	yes	N1782MB381	Holt-Winters	25.84	yes
N1546MB145	Linear Regression for Deseasonalized data	9.42	yes	N1783MB382	Weighted Moving Average	32.00	yes
N1547MB146	Simple Moving Average	13.24	yes	N1784MB383	Holt-Winters	26.38	yes
N1548MB147	Weighted Moving Average	12.14	yes	N1785MB384	Holt-Winters	25.12	yes
N1549MB148	Linear Regression for Deseasonalized data	12.71	yes	N1786MB385	Simple Moving Average	30.27	yes
N1550MB149	Weighted Moving Average	11.25	yes	N1787MB386	Holt-Winters	21.45	yes
N1551MB150	Single Exponential Smoothing	14.17	yes	N1788MB387	Holt-Winters	29.69	yes
N1552MB151	Single Exponential Smoothing	16.81	yes	N1789MB388	Weighted Moving Average	26.40	yes
N1553MB152	Simple Moving Average	14.29	yes	N1790MB389	Holt-Winters	26.98	yes
N1554MB153	Simple Moving Average	16.69	yes	N1791MB390	Holt-Winters	22.60	yes
N1555MB154	Simple Moving Average	15.35	yes	N1792MB391	Linear Regression for Deseasonalized data	19.47	yes
N1556MB155	Simple Moving Average	10.89	yes	N1793MB392	Weighted Moving Average	26.84	yes
N1557MB156	Simple Moving Average	9.89	yes	N1794MB393	Weighted Moving Average	22.59	yes
N1558MB157	Simple Moving Average	9.78	yes	N1795MB394	Weighted Moving Average	32.19	yes
N1559MB158	Simple Moving Average	10.76	yes	N1796MB395	Holt-Winters	25.61	no
N1560MB159	Simple Moving Average	10.98	yes	N1797MB396	Holt-Winters	22.08	yes
N1561MB160	Simple Moving Average	16.55	yes	N1798MB397	Simple Moving Average	22.94	yes
N1562MB161	Weighted Moving Average	13.58	yes	N1799MB398	Weighted Moving Average	22.72	yes
N1563MB162	Weighted Moving Average	13.87	yes	N1800MB399	Holt-Winters	29.57	yes
N1564MB163	Weighted Moving Average	13.48	yes	N1801MB400	Holt-Winters	27.76	yes

Table C-15. Continued

Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve	Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve
N1565MB164	Simple Moving Average	12.17	yes	N1802MB401	Holt-Winters	30.68	yes
N1566MB165	Simple Moving Average	11.42	yes	N1803MB402	Holt-Winters	24.58	yes
N1567MB166	Weighted Moving Average	12.68	yes	N1804MB403	Weighted Moving Average	22.42	yes
N1568MB167	Simple Moving Average	14.92	yes	N1805MB404	Weighted Moving Average	21.89	yes
N1569MB168	Single Exponential Smoothing	19.11	yes	N1806MB405	Weighted Moving Average	24.70	yes
N1570MB169	Single Exponential Smoothing	11.36	yes	N1807MB406	Weighted Moving Average	17.64	no
N1571MB170	Single Exponential Smoothing	12.20	yes	N1808MB407	Weighted Moving Average	8.04	no
N1572MB171	Weighted Moving Average	7.54	yes	N1809MB408	Weighted Moving Average	7.35	yes
N1573MB172	Linear Regression for Deseasonalized data	6.85	yes	N1810MB409	Holt-Winters	11.98	yes
N1574MB173	Weighted Moving Average	14.94	yes	N1811MB410	Weighted Moving Average	4.24	no
N1575MB174	Weighted Moving Average	16.56	yes	N1812MB411	Weighted Moving Average	18.82	yes
N1576MB175	Single Exponential Smoothing	11.27	yes	N1813MB412	Weighted Moving Average	10.00	yes
N1577MB176	Weighted Moving Average	11.35	yes	N1814MB413	Weighted Moving Average	13.43	yes
N1578MB177	Single Exponential Smoothing	14.00	yes	N1815MB414	Weighted Moving Average	6.02	yes
N1579MB178	Simple Moving Average	17.28	yes	N1816MB415	Holt-Winters	9.81	yes
N1580MB179	Weighted Moving Average	19.16	yes	N1817MB416	Weighted Moving Average	16.23	yes
N1581MB180	Weighted Moving Average	17.98	yes	N1818MB417	Weighted Moving Average	7.73	yes
N1582MB181	Weighted Moving Average	19.51	yes	N1819MB418	Weighted Moving Average	3.98	yes
N1583MB182	Weighted Moving Average	26.64	no	N1820MB419	Weighted Moving Average	18.42	yes
N1584MB183	Weighted Moving Average	24.50	yes	N1821MB420	Holt-Winters	4.67	yes
N1585MB184	Simple Moving Average	27.21	yes	N1822MB421	Weighted Moving Average	16.24	yes
N1586MB185	Weighted Moving Average	24.14	no	N1823MB422	Weighted Moving Average	12.67	yes
N1587MB186	Simple Moving Average	23.76	yes	N1824MB423	Weighted Moving Average	2.83	yes
N1588MB187	Weighted Moving Average	24.49	yes	N1825MB424	Weighted Moving Average	9.42	yes
N1589MB188	Weighted Moving Average	23.34	yes	N1826MB425	Weighted Moving Average	8.73	yes
N1590MB189	Weighted Moving Average	14.45	yes	N1827MB426	Holt-Winters	7.20	yes
N1591MB190	Single Exponential Smoothing	13.24	yes	N1828MB427	Weighted Moving Average	13.41	yes
N1592MB191	Single Exponential Smoothing	8.96	yes	N1829MB428	Holt-Winters	35.67	yes
N1593MB192	Linear Regression for Deseasonalized data	5.96	yes	N1830MB429	Weighted Moving Average	30.85	yes
N1594MB193	Linear Regression for Deseasonalized data	78.20	yes	N1831MB430	Weighted Moving Average	25.99	yes
N1595MB194	Linear Regression for Deseasonalized data	5.67	yes	N1832MB431	Holt-Winters	22.44	yes
N1596MB195	Linear Regression for Deseasonalized data	7.17	yes	N1833MB432	Simple Moving Average	23.74	yes
N1597MB196	Linear Regression for Deseasonalized data	8.90	yes	N1834MB433	Weighted Moving Average	23.68	yes
N1598MB197	Weighted Moving Average	11.39	yes	N1835MB434	Simple Moving Average	26.73	yes
N1599MB198	Simple Moving Average	15.20	yes	N1836MB435	Weighted Moving Average	35.33	yes
N1600MB199	Simple Moving Average	17.28	yes	N1837MB436	Holt-Winters	25.59	yes
N1601MB200	Weighted Moving Average	24.28	yes	N1838MB437	Weighted Moving Average	24.60	yes
N1602MB201	Weighted Moving Average	23.58	yes	N1839MB438	Weighted Moving Average	28.80	yes
N1603MB202	Weighted Moving Average	29.29	no	N1840MB439	Weighted Moving Average	23.51	yes
N1604MB203	Weighted Moving Average	31.65	yes	N1841MB440	Holt-Winters	29.95	yes
N1605MB204	Weighted Moving Average	27.15	yes	N1842MB441	Simple Moving Average	2.53	yes

Table C-15. Continued

Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve	Part Number	Best Forecast	Average Symmetric MAPE	Better than naïve
N1606MB205	Weighted Moving Average	27.82	yes	N1843MB442	Weighted Moving Average	15.45	yes
N1607MB206	Single Exponential Smoothing	27.91	yes	N1844MB443	Simple Moving Average	12.26	yes
N1608MB207	Linear Regression for Deseasonalized data	29.60	yes	N1845MB444	Weighted Moving Average	2.44	no
N1609MB208	Simple Moving Average	13.24	yes	N1846MB445	Weighted Moving Average	4.87	yes
N1610MB209	Single Exponential Smoothing	28.13	yes	N1847MB446	Weighted Moving Average	5.56	yes
N1611MB210	Linear Regression for Deseasonalized data	26.22	yes	N1848MB447	Simple Moving Average	5.96	yes
N1612MB211	Linear Regression for Deseasonalized data	22.63	yes	N1849MB448	Simple Moving Average	5.20	yes
N1613MB212	Single Exponential Smoothing	10.23	yes	N1850MB449	Linear Regression for Deseasonalized data	9.89	yes
N1614MB213	Linear Regression for Deseasonalized data	50.55	yes	N1851MB450	Weighted Moving Average	7.72	yes
N1615MB214	Single Exponential Smoothing	22.07	yes	N1852MB451	Holt-Winters	4.53	yes
N1616MB215	Single Exponential Smoothing	18.78	yes	N1853MB452	Simple Moving Average	3.74	yes
N1617MB216	Single Exponential Smoothing	45.32	yes	N1854MB453	Simple Moving Average	7.54	yes
N1618MB217	Simple Moving Average	14.60	yes	N1855MB454	Linear Regression for Deseasonalized data	2.28	yes
N1619MB218	Simple Moving Average	12.83	yes	N1856MB455	Holt-Winters	15.95	yes
N1620MB219	Single Exponential Smoothing	14.83	yes	N1857MB456	Linear Regression for Deseasonalized data	7.86	yes
N1621MB220	Linear Regression for Deseasonalized data	16.97	yes	N1858MB457	Holt-Winters	5.16	yes
N1622MB221	Single Exponential Smoothing	26.86	yes	N1859MB458	Holt-Winters	6.31	yes
N1623MB222	Linear Regression for Deseasonalized data	11.43	yes	N1860MB459	Holt-Winters	9.14	yes
N1624MB223	Linear Regression for Deseasonalized data	24.96	yes	N1861MB460	Holt-Winters	4.76	yes
N1625MB224	Single Exponential Smoothing	31.05	yes	N1862MB461	Simple Moving Average	7.33	yes
N1626MB225	Linear Regression for Deseasonalized data	23.65	yes	N1863MB462	Holt-Winters	3.54	yes
N1627MB226	Simple Moving Average	24.61	yes	N1864MB463	Weighted Moving Average	4.84	yes
N1628MB227	Linear Regression for Deseasonalized data	25.32	yes	N1865MB464	Simple Moving Average	1.72	yes
N1629MB228	Single Exponential Smoothing	32.55	yes	N1866MB465	Holt-Winters	14.78	yes
N1630MB229	Simple Moving Average	20.39	yes	N1867MB466	Weighted Moving Average	12.54	yes
N1631MB230	Single Exponential Smoothing	24.48	yes	N1868MB467	Weighted Moving Average	10.08	yes
N1632MB231	Single Exponential Smoothing	51.63	yes	N1869MB468	Simple Moving Average	5.72	yes
N1633MB232	Single Exponential Smoothing	33.39	yes	N1870MB469	Weighted Moving Average	6.46	yes
N1634MB233	Single Exponential Smoothing	34.41	yes	N1871MB470	Weighted Moving Average	4.97	yes
N1635MB234	Single Exponential Smoothing	34.58	yes	N1872MB471	Weighted Moving Average	1.61	yes
N1636MB235	Linear Regression for Deseasonalized data	41.32	yes	N1873MB472	Weighted Moving Average	5.48	yes
N1637MB236	Single Exponential Smoothing	32.78	yes	N1874MB473	Linear Regression for Deseasonalized data	1.19	yes
N1638MB237	Linear Regression for Deseasonalized data	22.08	yes	N1875MB474	Single Exponential Smoothing	14.54	yes

Appendix D: Database User Manual

MODEL AND DATABASE GENERAL DESCRIPTION

The forecasting and inventory database is based on a model that analyzes the patterns of the sales data, selects and applies forecasting techniques, and finally calculates the basic parameters of an inventory policy based on the optimized forecast.

The database is built in MS Access 2003, the file name is "Cubic_Forecast_Inventory", and there is no password set to access the file. This database is composed of 19 tables, 41 queries, 20 forms, 1 report, and 9 Visual Basic (VBA) modules.

Data Input

All the information required for the database has to be imported into the RawData table. The required fields are the following:

- ORD_DATE	- CLASS	- ORDER
- CUST_ID	- CUSTOMER	- REP
- LINE	- REC_CD	- STAT
- PART_NR	- DESCRIP	-QTY
-CID	-ORG_PROM	-SCH_DATE
-UNIT_PRICE	-LEAD_TIME	

If the raw data is located in another access file, the procedure to import the data is the following:

1. Open the database "Cubic_Forecast_Inventory"
2. Select File / Get external data / Import in the windows menu
3. Select the file that contains the raw data
4. When the "Import Objects" window appears, select "Tables" and the name of the table the contains the information required, then click OK
5. Make sure that the imported table has the fields mentioned above with the exact names.

6. Delete the current "RawData" table and rename the imported table "RawData"

The following sections of this document show the detailed flowcharts that describe the models and formulas used by the database to perform calculations. There is also a section included that explains in details each of the screens of the database and their purpose.

The main menu of the database opens automatically at start; this menu is structured in steps that have to be followed in sequence in order for the calculations to be performed properly. A detailed explanation of the procedures and queries that each of those steps trigger is included at the end of this document.

Step 1: Data Visualization / Editing / Basic Parameters Entry

This step is designed to allow the user to visualize the raw data, enter parameters necessary to perform the calculations, and address the following problems present in the raw data:

- Part numbers that do not correspond to spare parts, for example the part number: "BEGIN WARR. MILESTONE" is not a physical component and therefore has to be excluded from calculations.
- Obsolete part numbers, or spare parts that are no longer produced or sold.
- Different part numbers correspond to the same spare part with non-significant variations such as different color or software.
- Orders placed by customers that do not exist anymore or are no longer doing business with the company.
- Orders placed to replace a faulty part number.

Therefore, the initial data preparation addresses these issues by comparing the data to a list of non-spare parts, a list of customers to delete, and a list of combinations of part numbers. The user can also visualize and edit those tables under steps 1.3 to 1.5.

Step 2: Data Filtering

This step contains queries that eliminate the problems mentioned in the previous step. Additional filters are placed in the database in order to eliminate those orders to replace faulty parts. In addition to this, this step also performs a filter of the data based on the Pareto methodology that selects the 20% of all part numbers that represent 80% of the sales. This filter also considers the average quantity ordered, the number of orders, and the average lead time per part number.

Step 3: Analysis of Data Patterns

This step starts by performing a filter that eliminates those part numbers that are in introductory or phase-out phase. The objective of this is to eliminate part numbers that are just being introduced in the market, and therefore do not have enough information to determine a trend or a pattern in the data. In addition, this step deletes those part numbers that are about to be eliminated from the market, and therefore do not need to be forecasted.

Later steps in this section identify patterns in the data such as intermittency, seasonality, and trend.

Intermittent demand is that where there are several periods showing no demand, this characteristic makes a set of data unsuitable for the most common forecasting procedures and demands a special treatment. In the database, intermittent demand is identified as having an inter-demand interval greater than 1.25 months.

Seasonality is observed when the demand patterns are affected by the time of the year when they occur. For example, some retail products will show an increase of demand in the winter and a decrease during the summer. On the other hand, trend is defined as a continued increase or decrease in the time series.

Seasonality and trend are identified automatically by the database by using the coefficient of correlation. The autocorrelation r_k is used to identify the previous characteristics on the data

set:

- Data with no trend (steady state) or seasonality: no r_k outside the limits of +/- 1.96/√n.
- -Data with no trend (steady state) but with seasonality: any r_n different than r_1 outside the limits of +/- 1.96/√n. A value of r_1 would indicate that the data correlates from month to month which is an indication of trend.
- Data with trend (rapid growth) but no seasonality: Only r_1 is outside the limits of +/- 1.96/√n.
- Data with trend (rapid growth) and seasonality: Values of r_k outside the limits of +/- 1.96/√n, including r_1 outside the limits.

It is important to mention, that the user can change the results of intermittency, seasonality, and trend for any part number and force the database to apply a specific forecasting method.

Step 4: Forecasting

Once the data is classified, the database applied a set of forecasting techniques. Each forecasting technique is selected following the general decision model depicted in the following sections. The result of this process is at least one forecast method selected for each part number. In those cases where several forecasting methods are possible, the measures of accuracy MSE and MAPE are used to select the forecast with the best accuracy.

In addition to this, the database performs calculations for the prediction interval for the forecast selected, this prediction interval uses a Z=1.96 or a 5% level of significance. This level of significance was selected, as it is sufficiently accurate for the forecast required.

As a measure of quality control for the forecast, the database calculated a tracking signal (TS), and a decision point of TS >2 or <-2 that will determine whether the forecast needs to be reviewed or not. If the tracking signal is bigger than 2 it would mean that the actual demand is greater than the forecast by 2 times the mean absolute deviation (MAD). On the other hand, if the TS is smaller than -2, it would mean than the actual demand is smaller than the forecast by 2 times the MAD. This limit can be changed, and it actually depends on where the management

wants to set the limit for forecast reviews, in this case the value of 2 is a conservative measure that will ensure a closer look to the forecast during the initial stages of the model implementation.

Step 5: Inventory Models

The database performs calculations for two basic inventory models: Re-order level and Re-Order cycle. It is important to mention that in order for the database to perform these calculations the user has to enter the basic parameters requested in the step 1.2. The selection among these two inventory methodologies will depend on management. In general, the literature recommends the following:

Use Re-order level when:

- We want to reduce the need for safety stock
- We have products with low demand
- The company is able to afford continuous monitoring of inventory levels
- Items are purchased infrequently in big lots and have low value
- When the product is purchased from an outside supplier and delays in delivery will not affect gravely the organization

Use Re-order cycle when:

- We need to coordinate the orders of several different items
- It is important to keep at minimum the costs of inspections
- We have items with high demand
- Items are of great importance for the organization activities

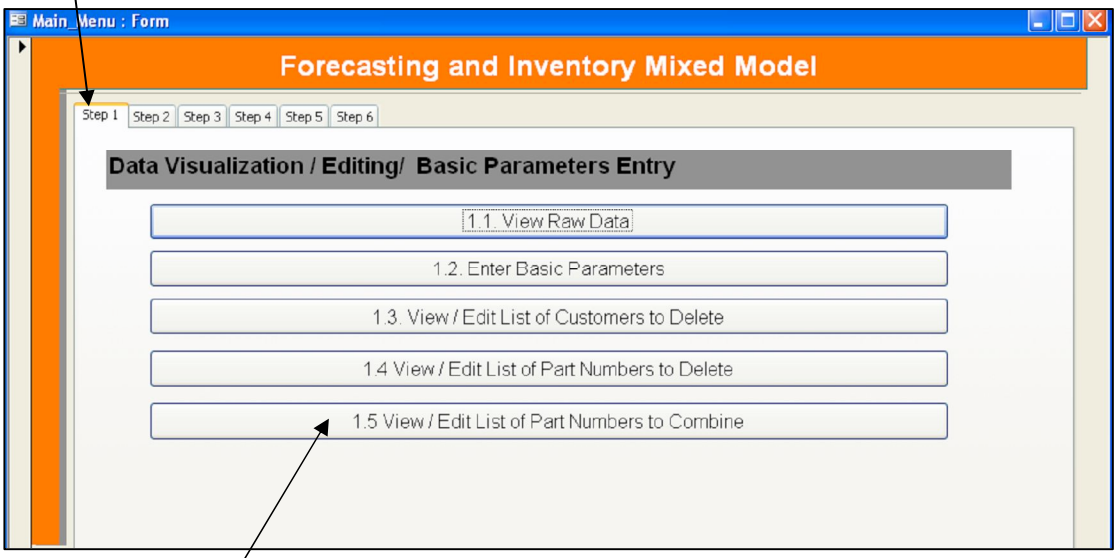
Step 6: Reporting

The user can visualize and print a report that shows the main results of the forecast and inventory models applied.

FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu	**Previous Screen** None
Description This is the default screen once the database is opened. It provides access to all forms and reports. This menu is structured in tabs in order for the user to follow steps in the creation of the forecasts and inventory model.	**Main Inputs** None **Main Outputs** Access to all menus in database **Flowchart Ref**: 1

Screen Preview

Follow tabs in order



Follow steps within each tab in order for the calculations to be performed appropriately.

FORECASTING AND INVENTORY DATABASE

Screen Name	Previous Screen
Raw_Data	Main_Menu

Description

This form permits visualization of all the information exported to the "RawData" table. The user is allowed to modify and delete records. This information is used as the base for all the calculations.

Main Inputs

None. All data is imported to the "RawData" table

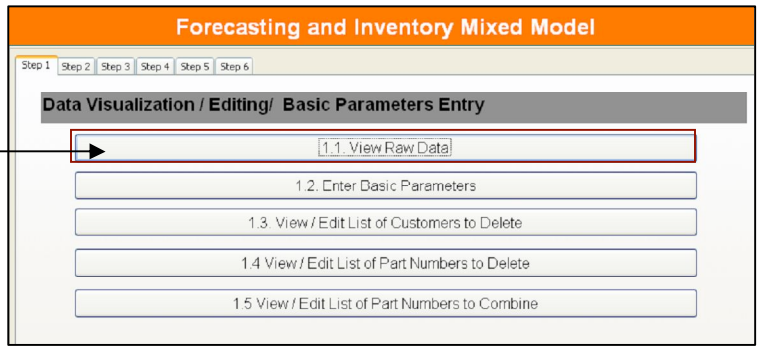
Main Outputs

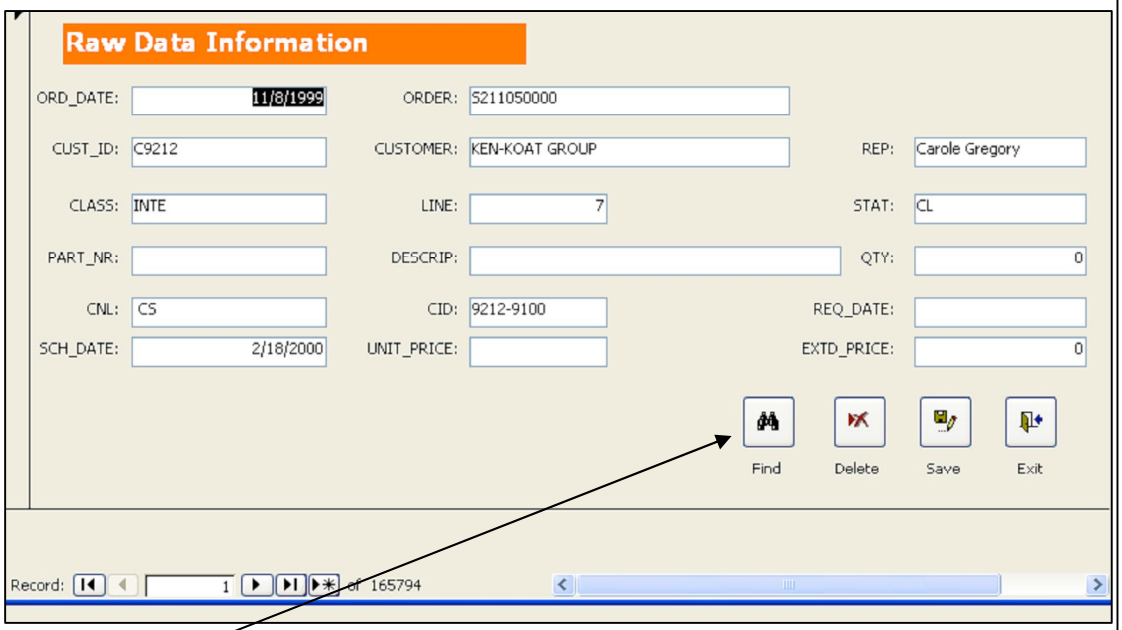
Visualization of all raw data available

Flowchart Ref: 1

Screen Preview

Click here on "Main_Menu" to open the "Raw_Data" form





Use buttons to navigate through records and make changes

FORECASTING AND INVENTORY DATABASE

Screen Name	Previous Screen
Enter_Basic_Parameters	Main_Menu

Description

This is the only screen in the software that asks for direct input from the user. Only two parameters are requested for the calculations and they have to be an integer number.

Main Inputs

Number of years to filter parts in Introductory and Phase out stages

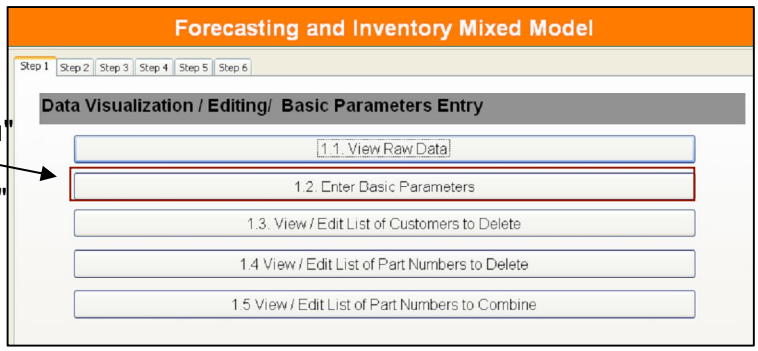
Main Outputs

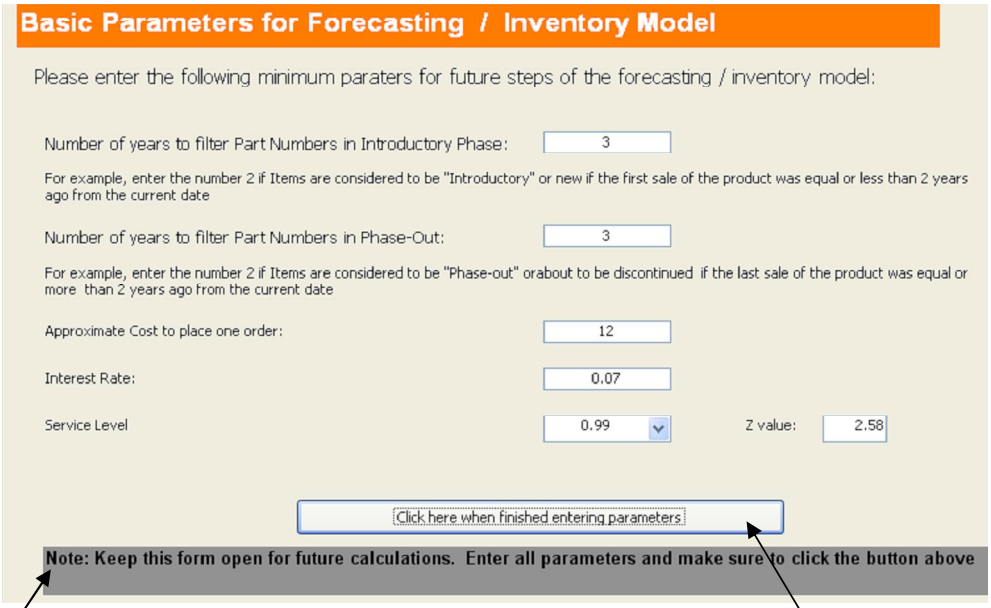
None

Flowchart Ref: 4

Screen Preview

Click here on "Main_Menu" to open the "Enter_Basic_Parameters" form





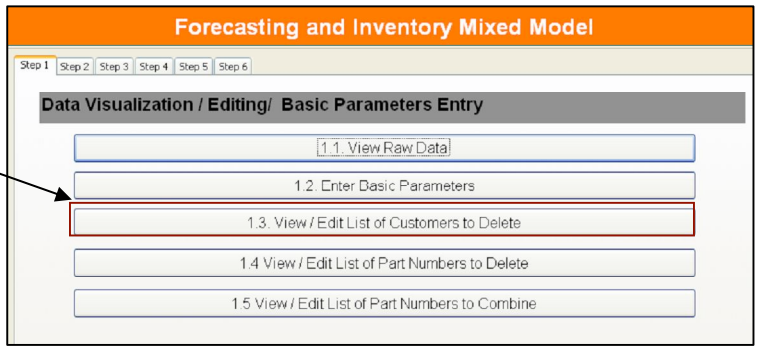
This is an important note; this screen has to remain opened for the rest of the calculations to work

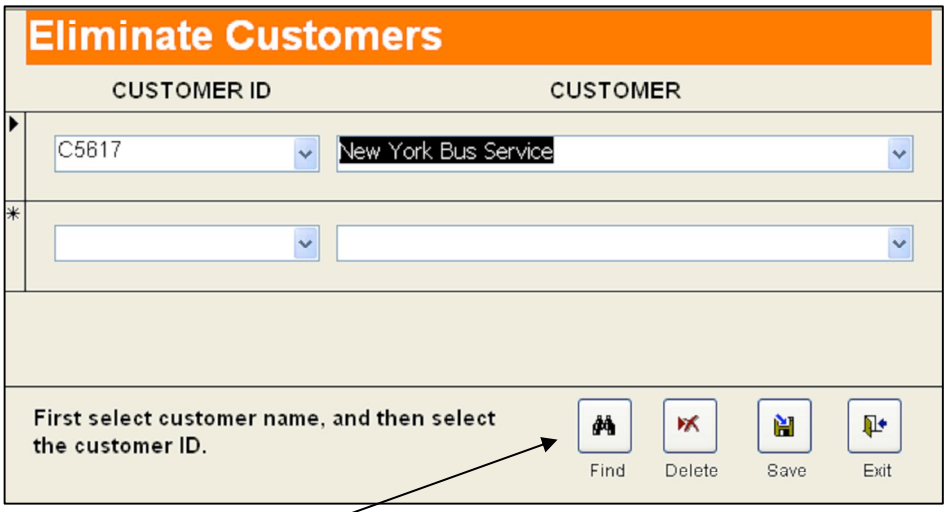
Click here once all the requested parameters are provided.

FORECASTING AND INVENTORY DATABASE	
Screen Name Eliminate_Customers_from_RawData	**Previous Screen** Main_Menu
Description This form allows the user to visualize and edit the list of customers that are to be eliminated from the calculations. For example, customers that have gone bankrupt and will never make an order again can be eliminated from calculations.	**Main Inputs** Customers to Delete **Main Outputs** Visualization of list of customers deleted **Flowchart Ref**: 2

Screen Preview

Click here on "Main_Menu" to open the form below



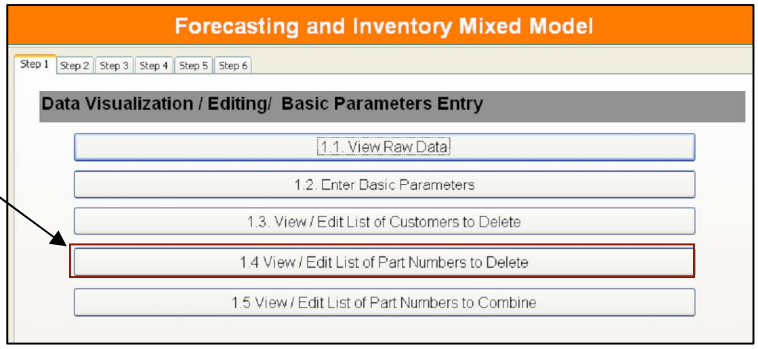


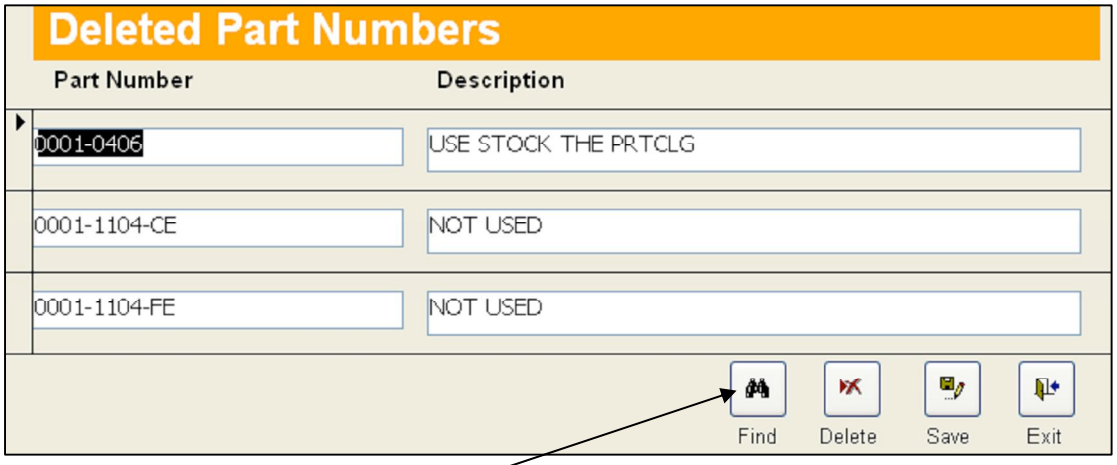
Use buttons to search and edit records

FORECASTING AND INVENTORY DATABASE	
Screen Name Deleted_PN_Key	**Previous Screen** Main_Menu
Description This form has the purpose of editing and visualizing the list of part numbers to delete before calculations. For example, part numbers that are not related to a product but to a service must be eliminated before calculations.	**Main Inputs** Part Numbers to Delete **Main Outputs** Visualization of part numbers to delete **Flowchart Ref**: 2

Screen Preview

Click here on "Main_Menu" to open the form below





Use buttons to edit and search for records

FORECASTING AND INVENTORY DATABASE

Screen Name	Previous Screen
Combined_PN_Key	Main_Menu

Description

This is the default screen once the database is opened. It provides access to all forms and reports. This menu is structured in tabs in order for the user to follow steps in the creation of the forecasts and inventory model.

Main Inputs

Part numbers to Combine and Equivalent PN and description

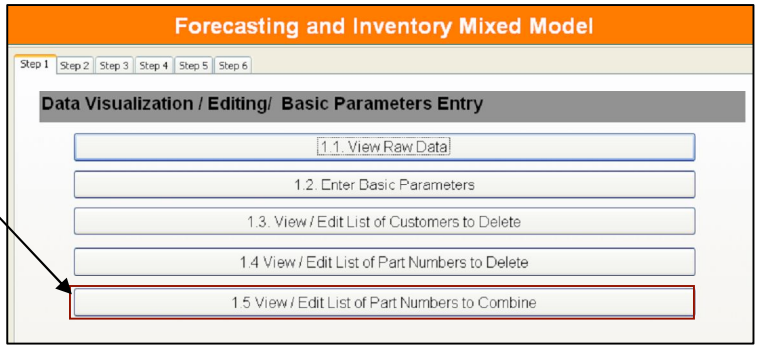
Main Outputs

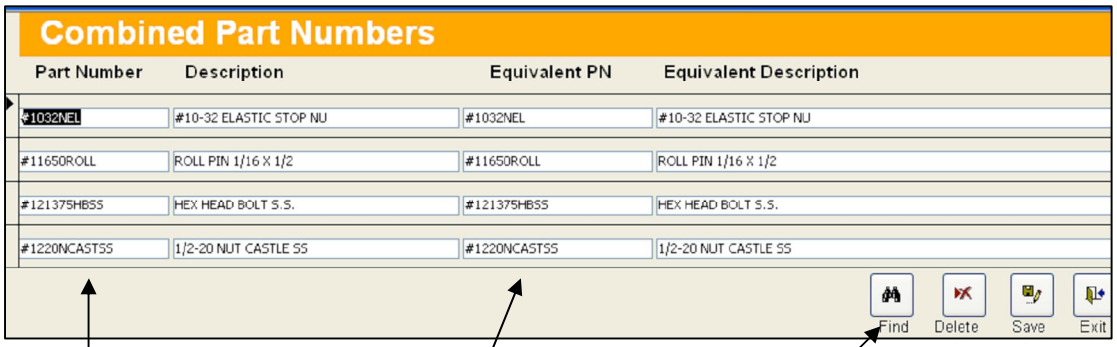
Visualize part numbers to combine

Flowchart Ref: 2

Screen Preview

Click here on "Main_Menu" to open the form below





Original part numbers as input in raw data

Equivalent part number to be used in the calculations

Use the buttons to search and edit records

FORECASTING AND INVENTORY DATABASE

Screen Name	**Previous Screen**
Main_Menu - Data Filtering	Main_Menu - Data Visualization

Description

The step 2.1 of the Data Filtering sub menu runs a query that eliminates all null part numbers and those records with null quantities ordered. The query is simply run by clicking on the button labeled "2.1".

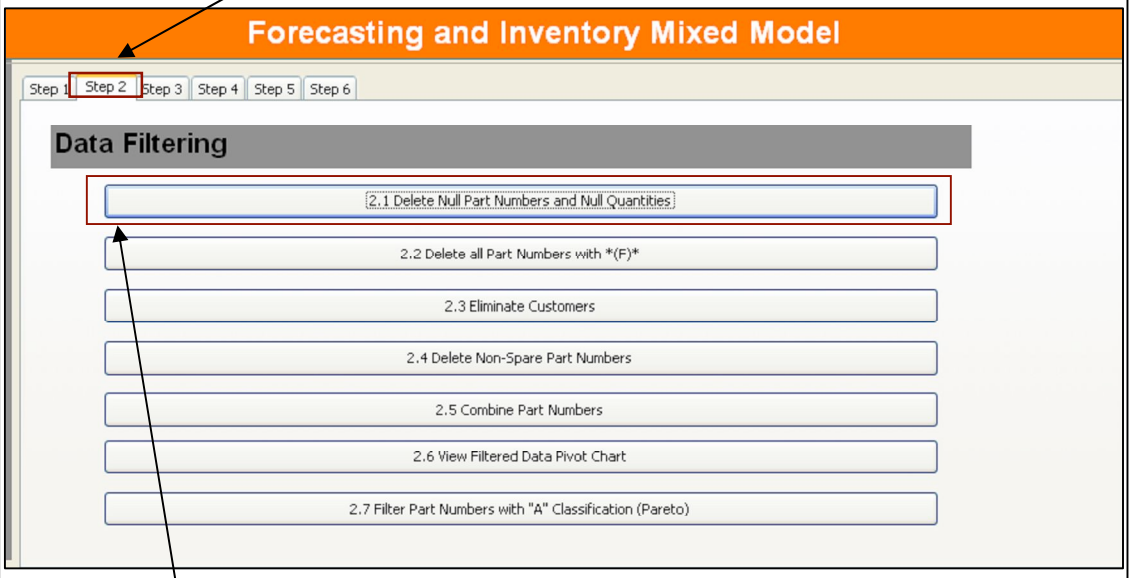
Main Inputs
None

Main Outputs
Query "EliminateBlankPN"

Flowchart Ref: 2

Screen Preview

Click on "Step 2" on the "Main_Menu" to see the form below

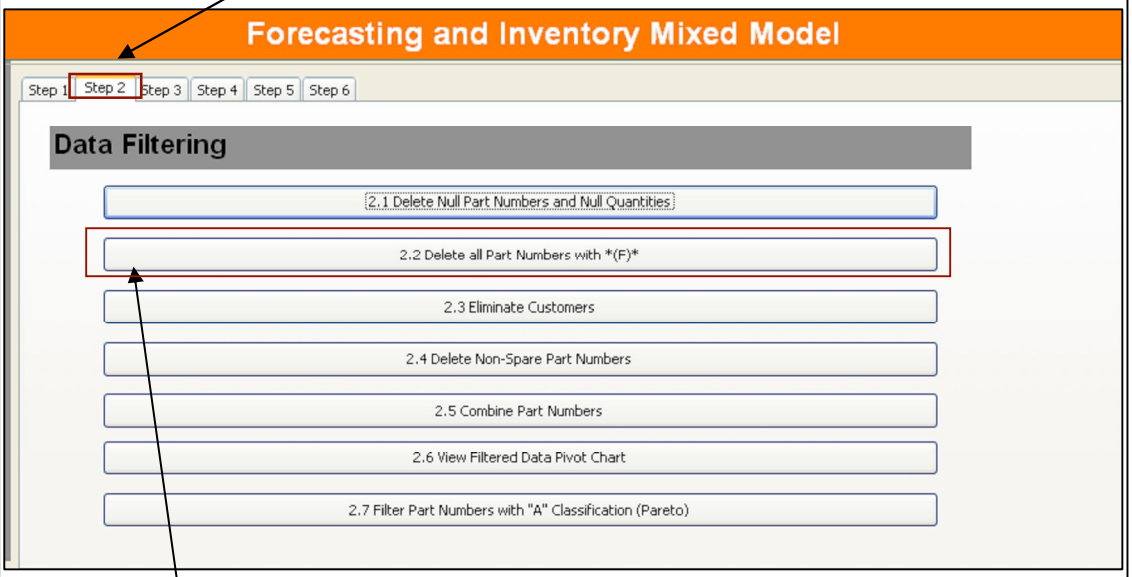


Click on Step 2.1 " Delete Null Part Numbers and Null Quantities" in order to run the query "EliminateBlankPN"

FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Data Filtering	**Previous Screen** Main_Menu - Data Visualization
Description By clicking on the button labeled "2.2" the user runs a query that eliminates from the raw data all records which part numbers have included *(F)*. Part numbers with this value are those returned as faulty and therefore are not part of normal demand and eliminated from calculations.	**Main Inputs** None **Main Outputs** Query "Eliminate_(F)_PN" **Flowchart Ref**: 2

Screen Preview

Click on "Step 2" on the "Main_Menu" to see the form below

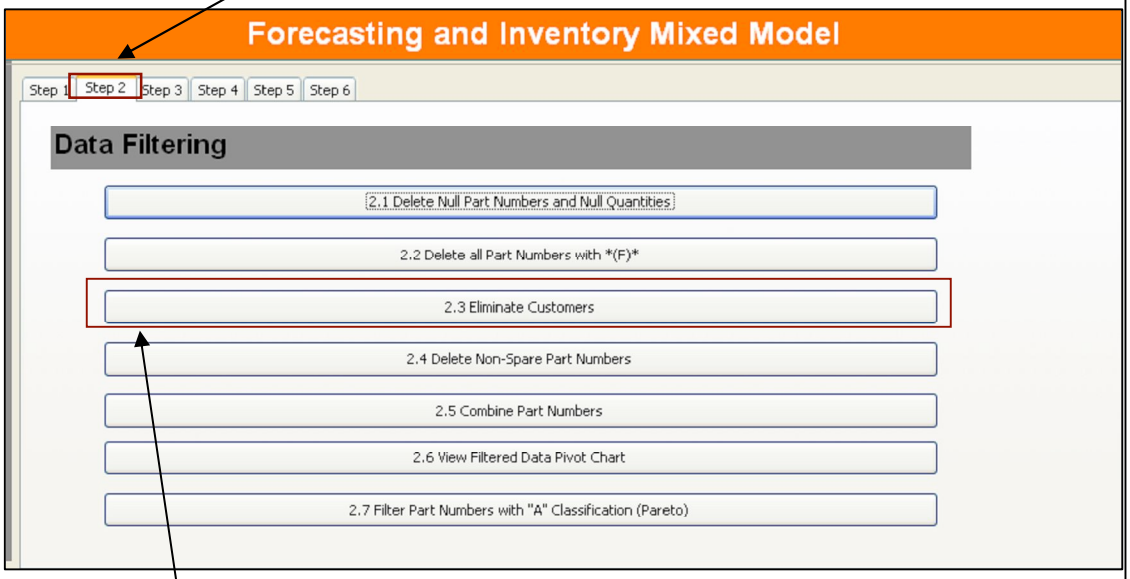


Click on Step 2.2 " Delete all Part Numbers with *(F)*" in order to run the query "Eliminate_(F)_PN"

FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Data Filtering	**Previous Screen** Main_Menu - Data Visualization
Description The button "2.3" of this menu runs a query that eliminates all customers that were labeled in the Step 1 to delete from calculations.	**Main Inputs** None **Main Outputs** Query "Eliminate_Customers" **Flowchart Ref**: 2

Screen Preview

Click on "Step 2" on the "Main_Menu" to see the form below

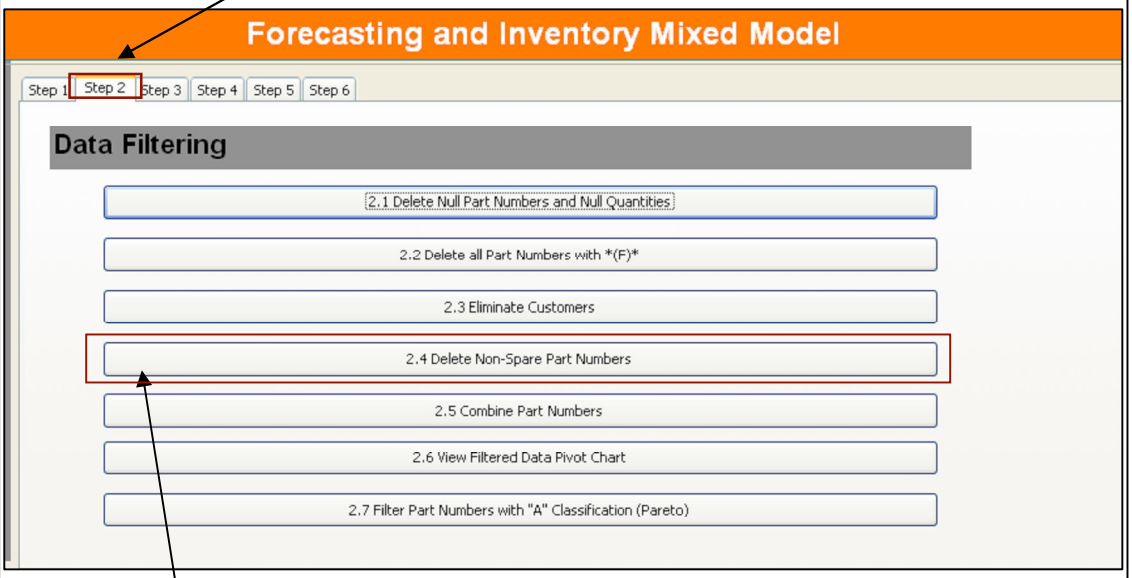


Click on Step 2.3 "Eliminate Customers" in order to run the query "Eliminate_Customers"

FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Data Filtering	**Previous Screen** Main_Menu - Data Visualization
Description The button "2.4" in this menu runs a query that eliminate all the part numbers that were indicated in the "Step 1" that were not actual part numbers or obsolete.	**Main Inputs** None **Main Outputs** Query "Eliminate_Non_Spare_PN" **Flowchart Ref**: 2

Screen Preview

Click on "Step 2" on the "Main_Menu" to see the form below

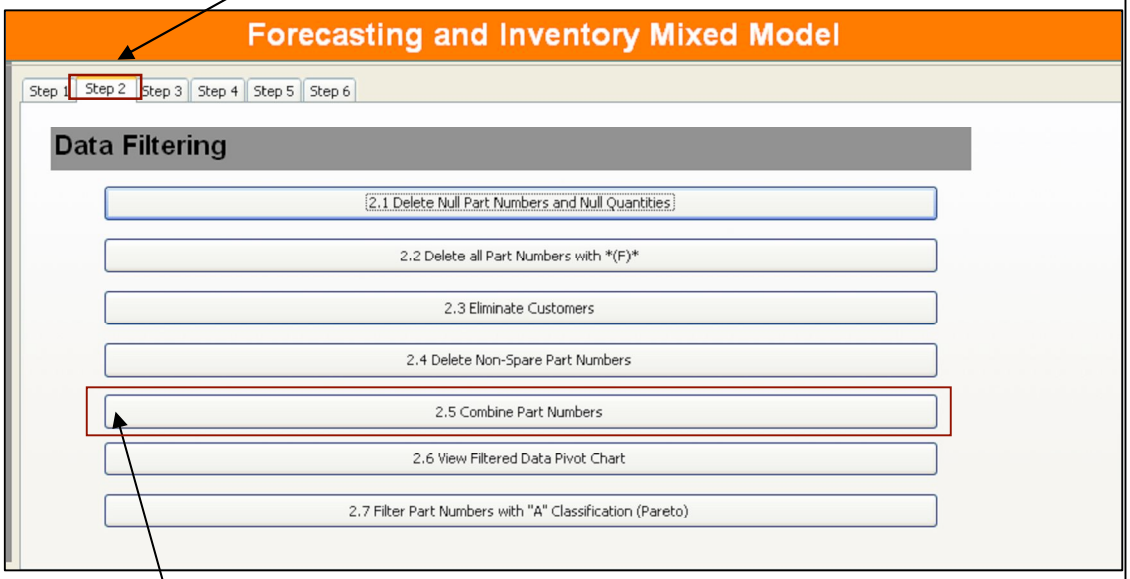


Click on Step 2.4 "Delete Non-Spare Part Numbers" in order to run the query "Eliminate_Non_Spare_PN"

FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Data Filtering	**Previous Screen** Main_Menu - Data Visualization
Description Step 2.5 of this screen runs a series of queries that creates the table Filtered_and_Combined_Data. This table contains the data with all the modifications performed in the steps before and is used as a base for all calculations.	**Main Inputs** None **Main Outputs** Table Filtered_and_Combined_Data **Flowchart Ref**: 2

Screen Preview

Click on "Step 2" on the "Main_Menu" to see the form below



Click on Step 2.5 "Combine Part Numbers" in order to run the queries necessary to create the table "Filtered_and_Combined_Data"

FORECASTING AND INVENTORY DATABASE

Screen Name	Previous Screen
Main_Menu - Data Filtering	Main_Menu - Data Visualization

Description

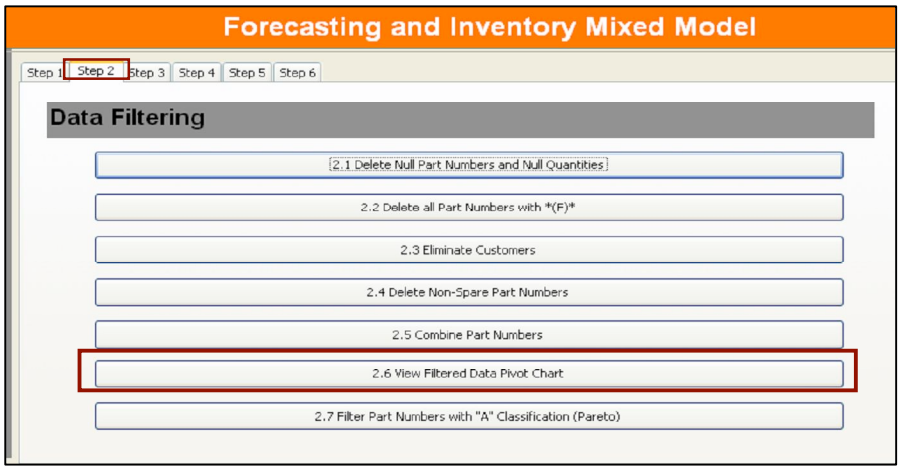
Step 2.6 shows a pivot chart that allows the user to visualize the data after filtering and combinations. It is important to mention that the user can also modify this chart to show months / quarters by clicking on the "Chart Field List " button in the Access task bar.

Main Inputs
None

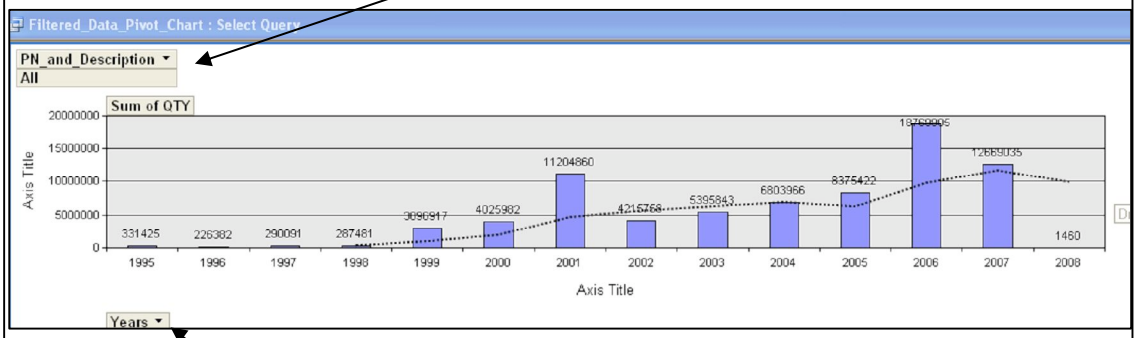
Main Outputs
Pivot chart of all filtered and combined data

Flowchart Ref: 2

Screen Preview



Click here to filter the part numbers shown in the graph

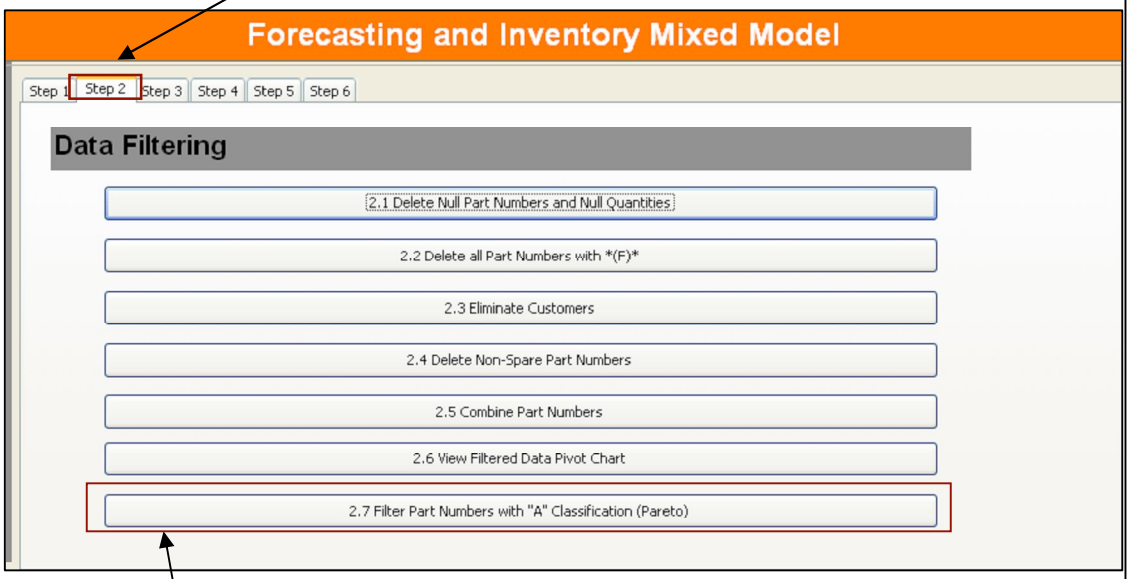


Click here to filter the years shown in the graph

FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Data Filtering	**Previous Screen** Main_Menu - Data Visualization
Description Step 2.7 of this screen runs the queries that classified all part numbers according to Pareto. Only part numbers classified as "A" are the output of this step and using in the following calculations.	**Main Inputs** None **Main Outputs** Table "ParetoResults3" **Flowchart Ref**: 3

Screen Preview

Click on "Step 2" on the "Main_Menu" to see the form below



Click on Step 2.7 "Filter Part Numbers with "A" Classification (Pareto)" in order to run the queries that run the Pareto Analysis

FORECASTING AND INVENTORY DATABASE

Screen Name	**Previous Screen**
Main_Menu - Analysis of Data Patterns	Main_Menu - Data Filtering

Description

The step labeled as 3.1 runs a query that eliminates all part numbers considered to be in the Introductory or Phase out stage. For this step to run properly the form from step "1.2 Enter Basic Parameters" must be active and all the required parameters filled out.

Main Inputs
None

Main Outputs
Query
"Eliminate_PhaseOut_and_Intro"

Flowchart Ref: 4

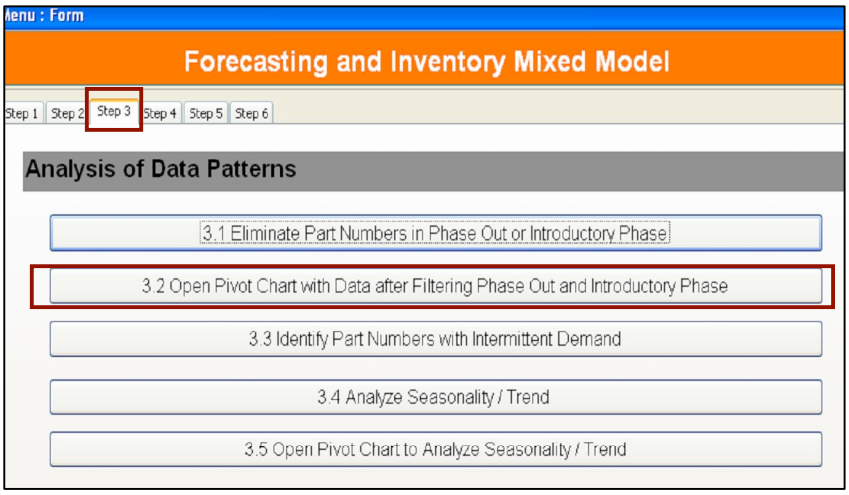
Screen Preview

Select Step 3 to view this sub menu

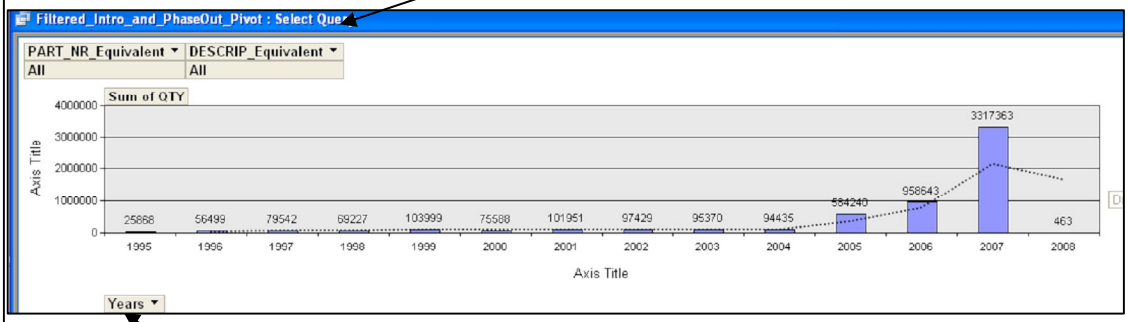
Click on step "3.1 Eliminate Part Numbers in Phase Out or Introductory Phase" to run the query "Eliminate_PhaseOut_and_Intro"

FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Analysis of Data Patterns	**Previous Screen** Main_Menu - Data Filtering
Description Step 3.2 opens a Pivot Table that permits the user visualize the data after filtering those part numbers that were in the introductory or phase out phase.	**Main Inputs** None **Main Outputs** Pivot Chart with of all data filtered **Flowchart Ref**: 4

Screen Preview



Click to change the part numbers displayed



Click to change the years displayed

FORECASTING AND INVENTORY DATABASE

Screen Name
Main_Menu - Analysis of Data Patterns

Previous Screen
Main_Menu - Data Filtering

Description

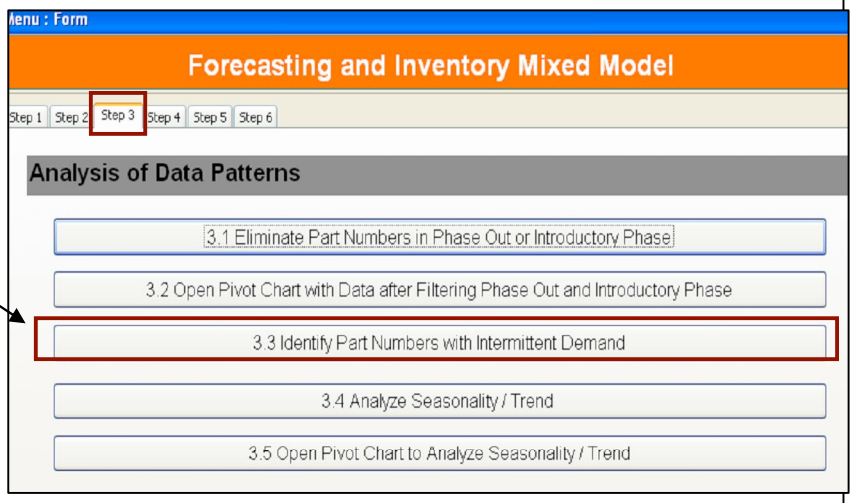
The step 3.3 of this menu runs a series of queries that identify those part numbers that have intermittent demand.

Main Inputs
None

Main Outputs
Table "Intermittent_Analysis4"

Flowchart Ref: 5

Screen Preview



Click here first

Intermittent_Analysis4 : Table

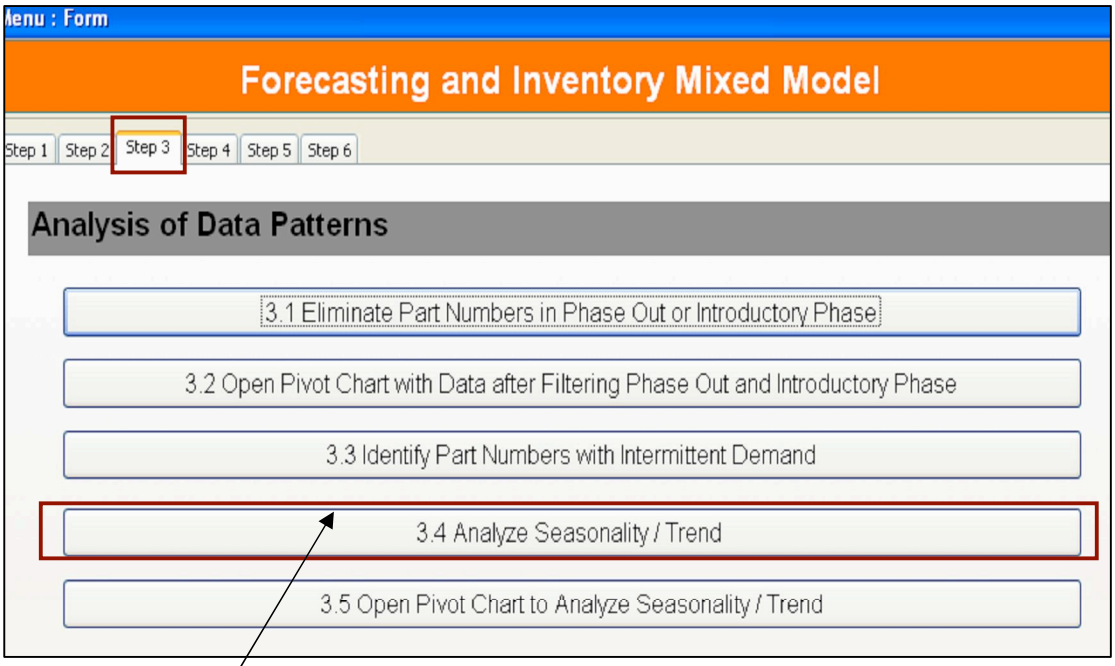
PART_NR_Equi	DESCRIP_Equi	AvgOfDiference	Intermittent
0001-1100	CICO VALIDAT	2.82142857143	yes
0001-1104	TRI-RDR2 (USE	0.47933884298	no
0001-1129	ASSY, ICS	0.45859872611	no
0001-1129	ICS ASSY W/E	0.45859872611	no
0001-1145	ASSY, ICS PHA	4.81818181818	yes
0001-1460	BILL HANDLINC	2.9	yes
0001-7046	PWA - INT COI	1.60606060606	yes
0001-7047	PCB-INT PWR	1.75757575758	yes
0001-7054	PWA, PENTIUM	1.70588235294	yes
061-1305	ASSY, STANDA	2.48979591837	yes
061-1311	TARGET ASSY	4.125	yes
065-0191-7	BELT-EXIT DRI	2.01333333333	yes
065-0203	COUNTER-ROL	2.86792452830	yes
065-1492	ROLLER BEAR	1.39449541284	yes
065-2380	LED EMITTER /	0.49520766773	no
065-2714	ROLLER - HEA	4.40625	yes

Record: 1 of 216

This table is the result of a series of queries. The field "Intermittent" shows whether the part number is intermittent or not.

FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Analysis of Data Patterns	**Previous Screen** Main_Menu - Data Filtering
Description The step 3.4 runs a series of queries and VBA procedures to calculate the coefficient of correlation for each part number for lags from 1 to 12. The result of the calculations is located in the table "Seasonallity_Trend"	**Main Inputs** None **Main Outputs** Table "Seasonality_Trend" **Flowchart Ref**: 4

Screen Preview



Click on 3.4 to perform the analysis of seasonality / trend

FORECASTING AND INVENTORY DATABASE

Screen Name	Previous Screen
Main_Menu - Analysis of Data Patterns	Main_Menu - Data Filtering

Description

The step 3.5 of this screen opens a pivot chart that shows the coefficient of correlations calculated for each part number. Upper and Lower limits are also shown. The user is able to modify the selection of seasonality and trend in this menu.

Main Inputs

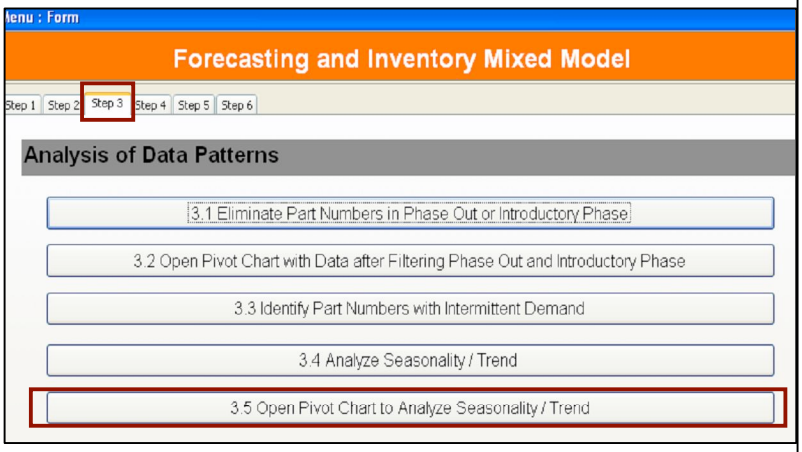
None

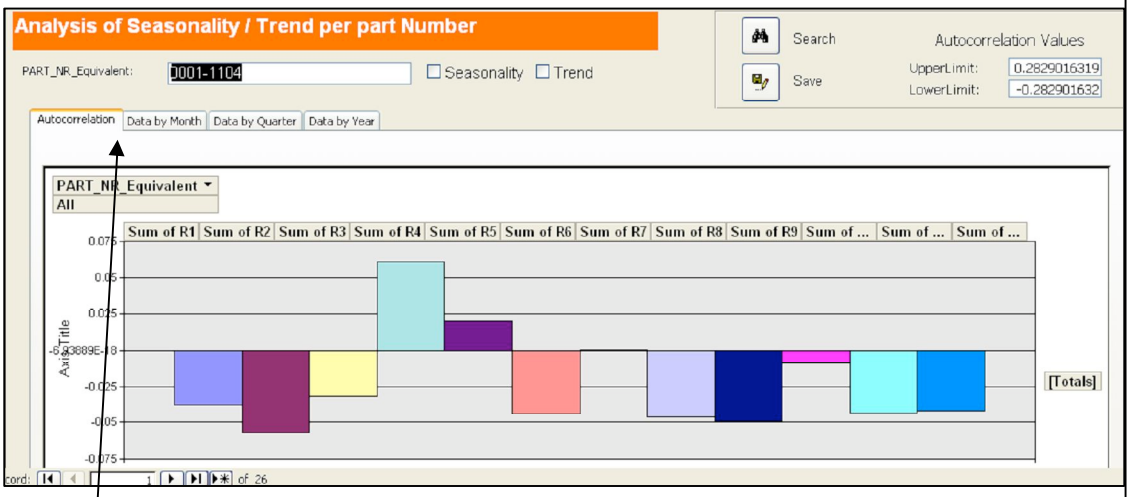
Main Outputs

Pivot chart of coefficients of correlation

Flowchart Ref: 4-5

Screen Preview



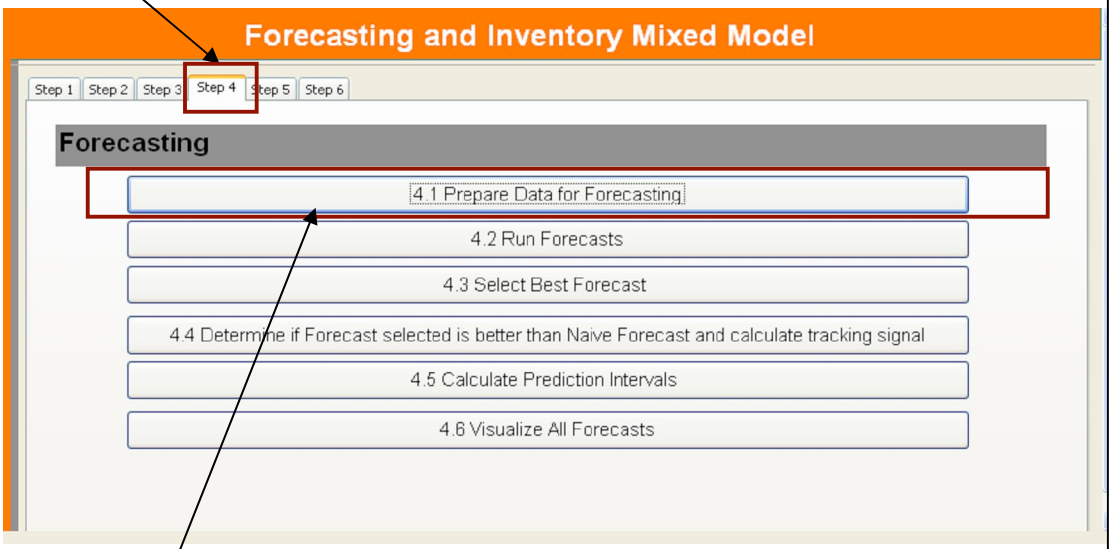


Click on the tabs to see plots of the data for the selected part number by month, quarter and year.

FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Forecasting	**Previous Screen** Main_Menu - Analysis of Data Patterns
Description Step 4.1 runs a series of VBA procedures that prepares data for forecast and creates two tables that will store the forecasts parameters and calculations. The preparation of the data involves eliminating records until the first January order for each part number and adding records with quantities "0" for the missing months.	**Main Inputs** None **Main Outputs** Tables "Forecasts" and "Forecasts_Parameters" **Flowchart Ref**: 6 - 17

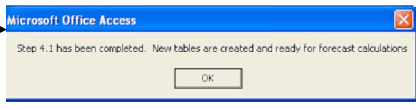
Screen Preview

Click on Step 4 to visualize this sub menu



Click on step 4.1 to prepare data to forecast

Once the procedure is finished, this box will show



FORECASTING AND INVENTORY DATABASE

Screen Name	Previous Screen
Main_Menu - Forecasting	Main_Menu - Analysis of Data Patterns

Description

Step 4.2 runs a series of VBA procedures that runs all the forecasts models for each part number according to the model. Each forecast is updated in the table "Forecasts" and important parameters for the models applied are stored in the table "Forecasts_Parameters"

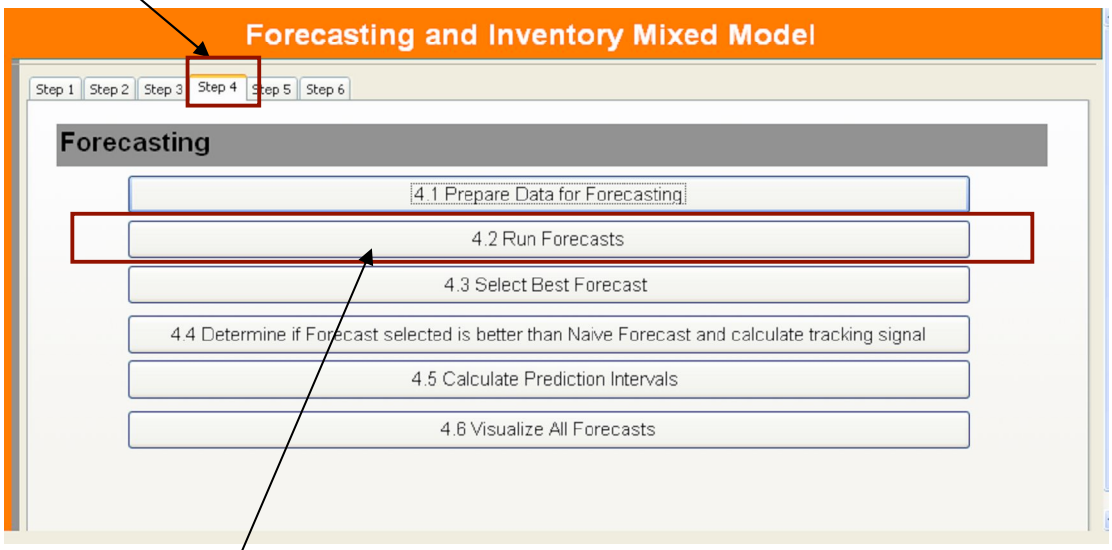
Main Inputs
None

Main Outputs
Tables "Forecasts" and "Forecasts_Parameters"

Flowchart Ref: 6 - 17

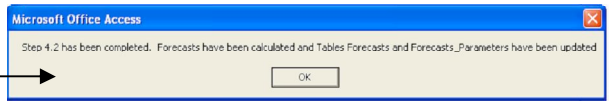
Screen Preview

Click on Step 4 to visualize this sub menu



Click on step 4.2 to run all the forecast models

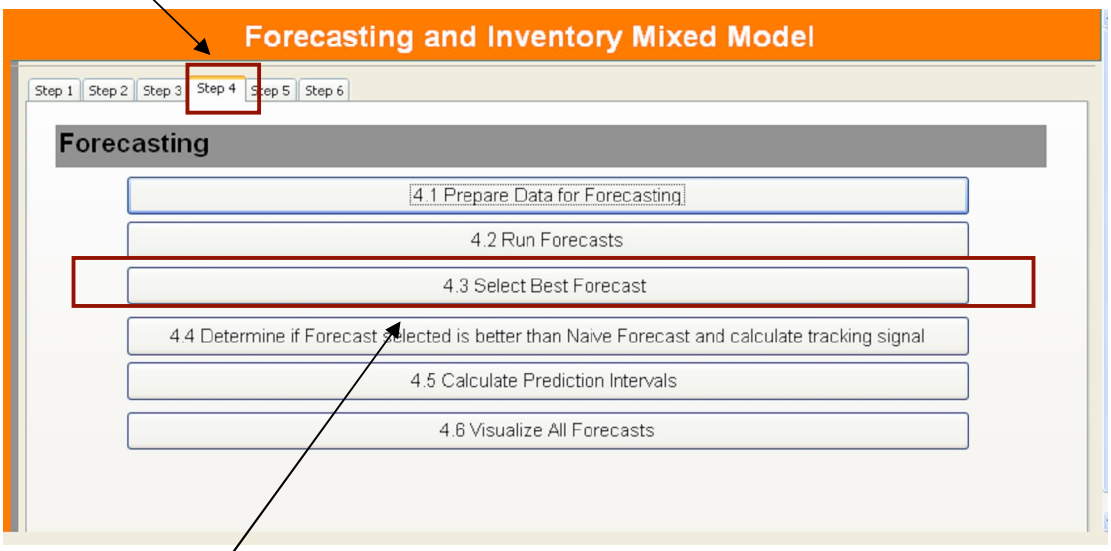
Once the procedure is finished, this box will show



FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Forecasting	**Previous Screen** Main_Menu - Analysis of Data Patterns
Description Step 4.3 runs a VBA procedure that selects the best-forecast method by minimizing MSE. The best method is updated and stored in the table "Forecasts_Parameters"	**Main Inputs** None **Main Outputs** Table "Forecasts_Parameters" **Flowchart Ref**: 6 - 17

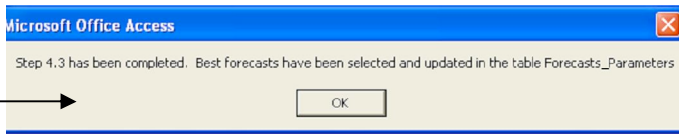
Screen Preview

Click on Step 4 to visualize this sub menu



Click on step 4.3 to select the best forecast for each part number

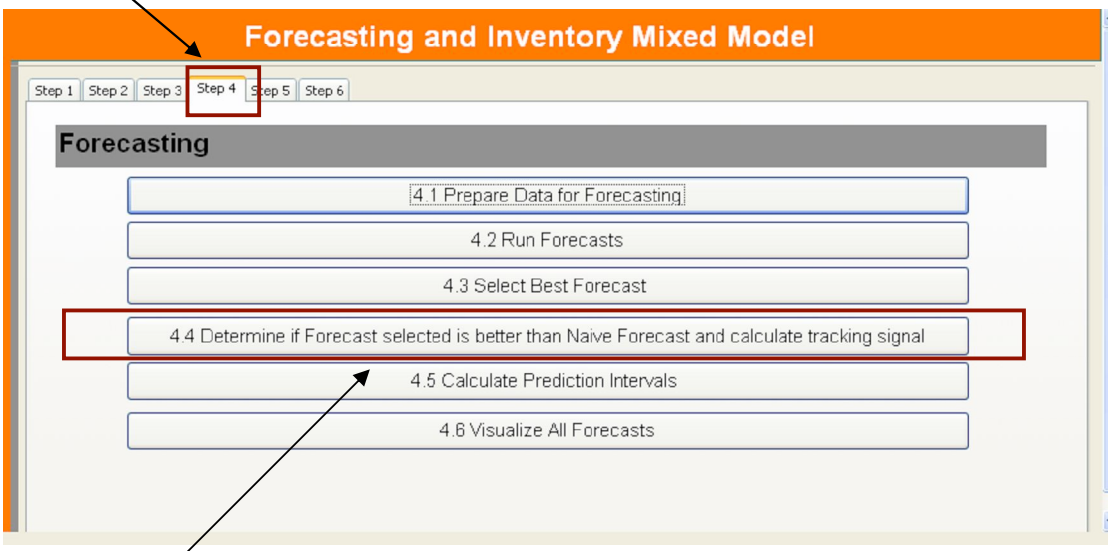
Once the procedure is finished, this box will show



FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Forecasting	**Previous Screen** Main_Menu - Analysis of Data Patterns
Description Step 4.4 calculates the Theil's U statistic for each of the best forecast selected and uses that result to determine if it is better than the naïve forecast. The results are updated in the Forecasts_Parameters" table.	**Main Inputs** None **Main Outputs** Table "Forecasts_Parameters" **Flowchart Ref**: 15

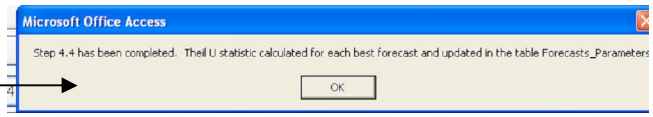
Screen Preview

Click on Step 4 to visualize this sub menu



Click on step 4.4 to determine if the best forecasts selected are better than the naïve method.

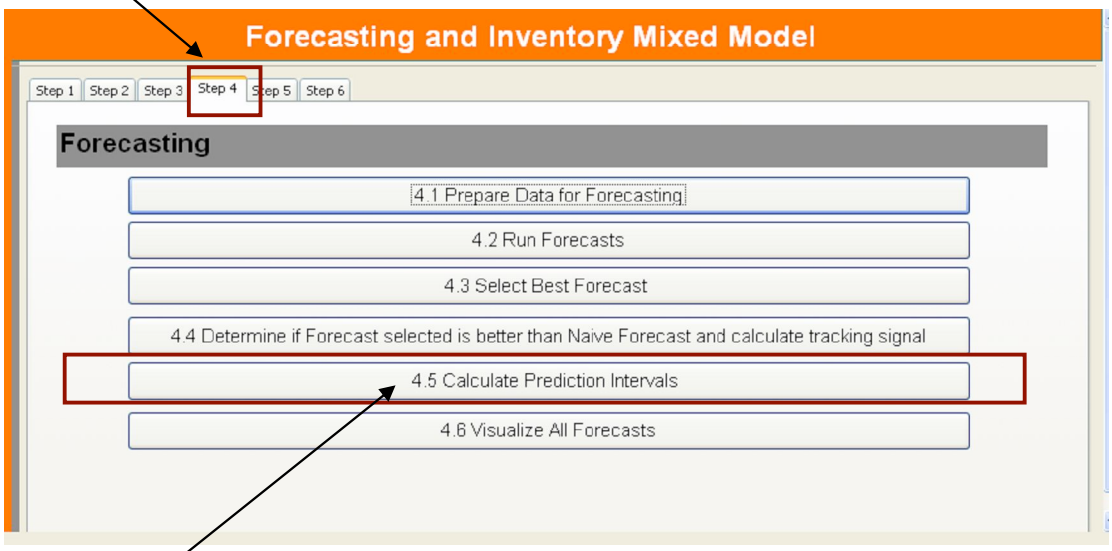
Once the procedure is finished, this box will show



FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Forecasting	**Previous Screen** Main_Menu - Analysis of Data Patterns
Description Step 4.5 calculates the prediction intervals for the forecasted demand of the next month. The results of these calculations are stored in the "Forecast Parameters" table, and they are shown in the pivot chart of step 4.6	**Main Inputs** None **Main Outputs** Prediction intervals **Flowchart Ref**: 16

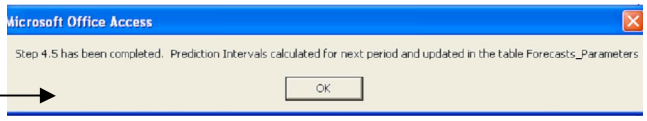
Screen Preview

Click on Step 4 to visualize this sub menu



Click on step 4.5 to calculate the prediction intervals

Once the procedure is finished, this box will show



FORECASTING AND INVENTORY DATABASE

Screen Name	Previous Screen
Main_Menu - Forecasting	Main_Menu - Analysis of Data Patterns

Description

Step 4.6 opens a pivot chart that permits the user visualize all forecasts for each part number. This sub menu also includes an extra tab to show the actual values of important parameters for the forecasts shown and which forecasts are best.

Main Inputs

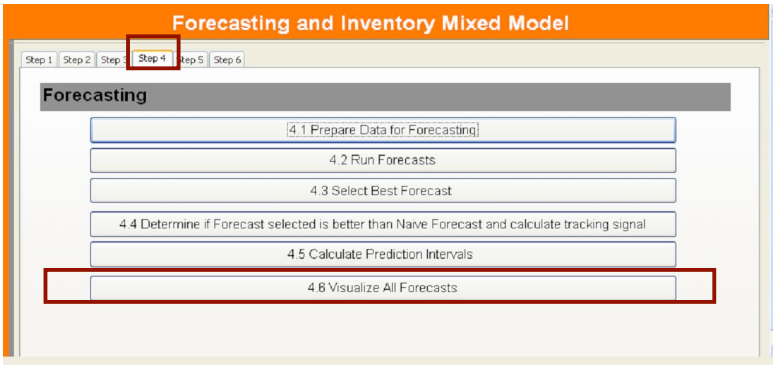
None

Main Outputs

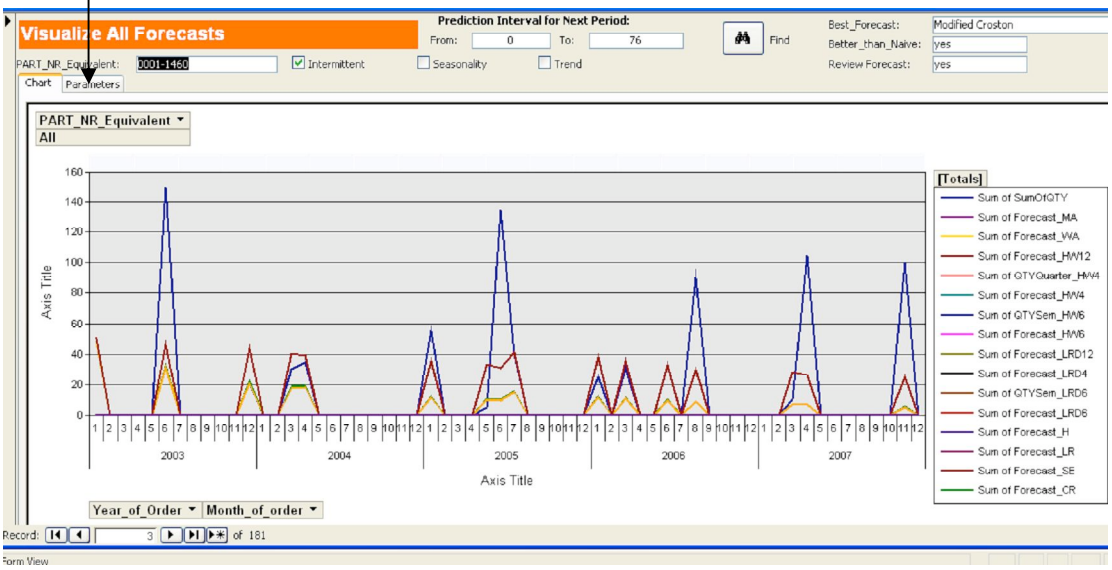
Pivot Chart with all forecasts

Flowchart Ref: 6-17

Screen Preview



Click in the "Parameters" tab to see the important parameters of all the forecasting methods applied to this part number



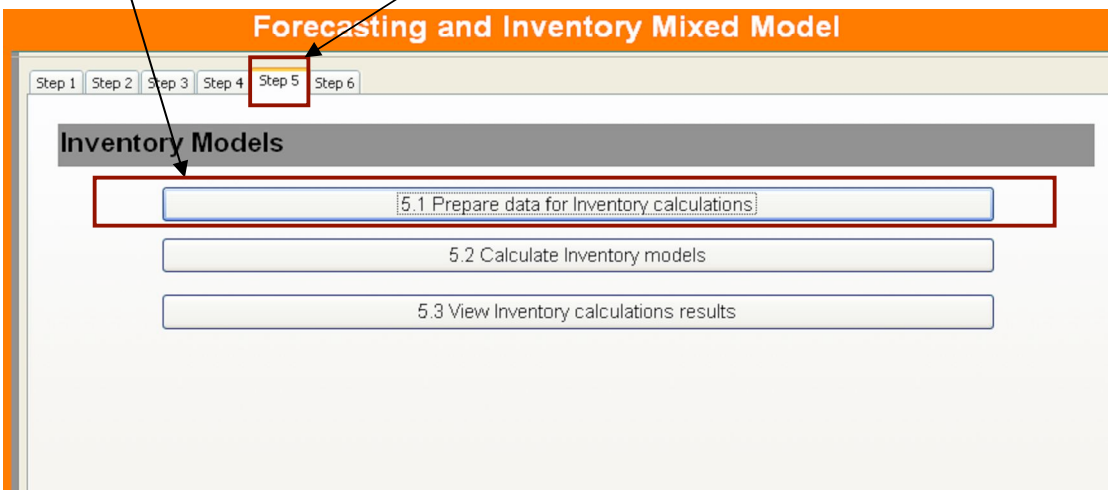
In this example shows that for the Part Number 0001-1460 the best forecast is the Modified Croston procedure. The blue line in the chart shows the actual demand. This form also shows a prediction interval for the demand in the following month.

FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Inventory Models	**Previous Screen** Main_Menu - Forecasting
Description In the main menu, the tab "Step 5" contains the Inventory Models sub-menu. The step 5.1 of this sub-menu prepares the data for the calculations necessary for the inventory models. This step also creates the Inventory table where all the calculations are going to be stored.	**Main Inputs** None **Main Outputs** Inventory table **Flowchart Ref**: 18 - 19

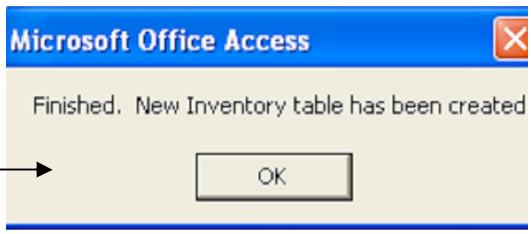
Screen Preview

Click on step 5.1 button to prepare data for the inventory calculations

The tab labeled "Step 5" contains the Inventory Models sub-menu



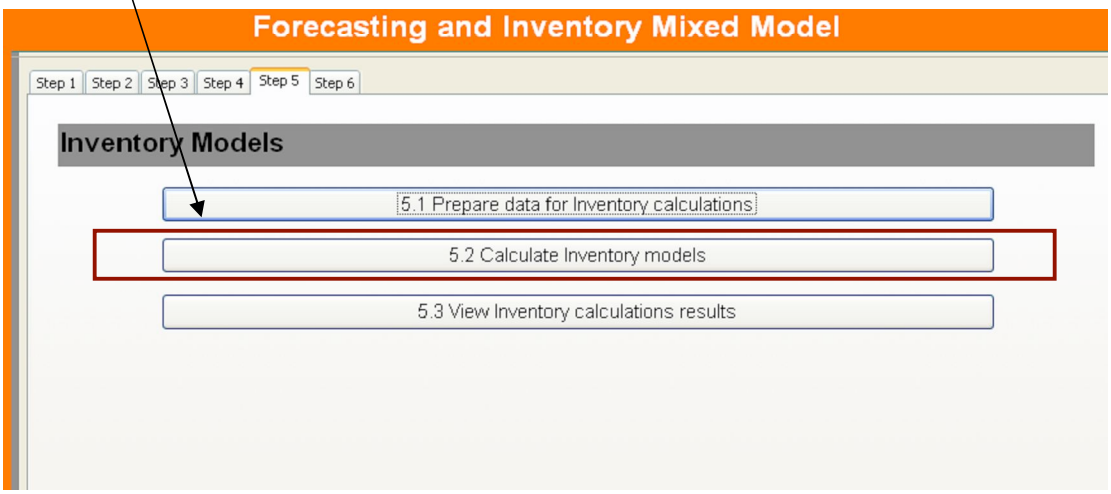
Once the procedure is finished, this box will show



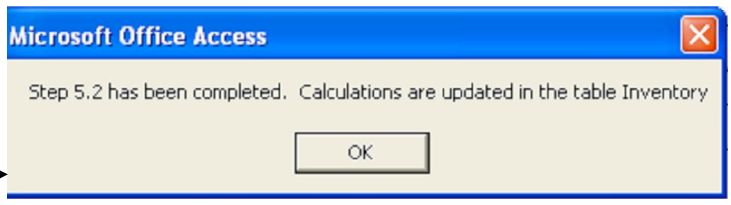
FORECASTING AND INVENTORY DATABASE	
Screen Name Main_Menu - Inventory Models	**Previous Screen** Main_Menu - Forecasting
Description Step 5.2 runs two inventory models: re-order level, and re-order cycle. The calculations are updated in the Inventory table that was created in the previous step.	**Main Inputs** None **Main Outputs** Inventory calculations **Flowchart Ref**: 18 - 19

Screen Preview

Click on step 5.2 button to calculate the inventory models



Once the procedure is finished, this box will show



FORECASTING AND INVENTORY DATABASE

Screen Name	Previous Screen
Main_Menu - Inventory Models	Main_Menu - Forecasting

Description

Step 5.3 opens a form that shows all the results of the inventory models by part number Only part numbers that have a valid forecast will show data in this form.

Main Inputs

None

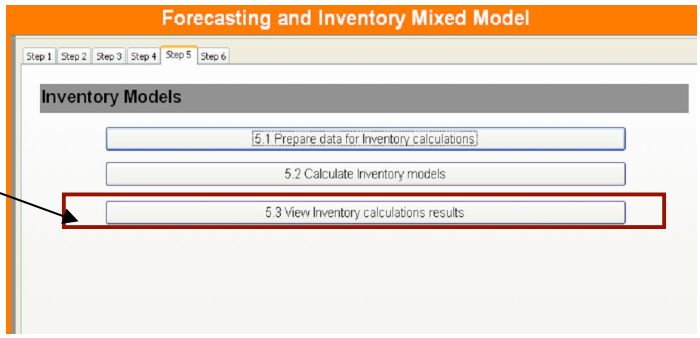
Main Outputs

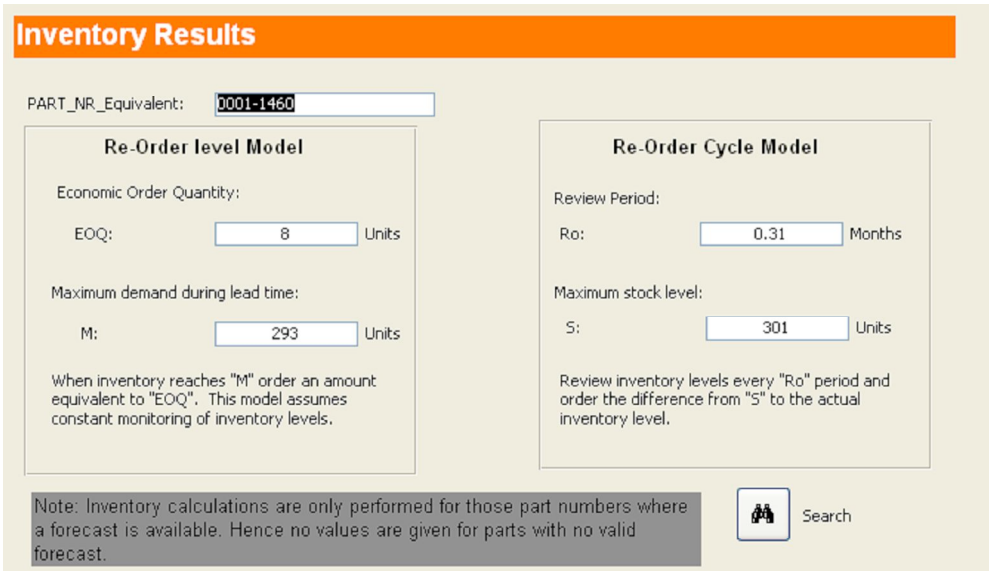
Visualize inventory calculations

Flowchart Ref: 18 -19

Screen Preview

Click on step 5.3 to open the window below





FORECASTING AND INVENTORY DATABASE

Screen Name	Previous Screen
Main_Menu - Reports	Main_Menu - Inventory Models

Description

Step 6.1 shows the main report with the results from the forecasting and inventory model calculations.

Main Inputs

None

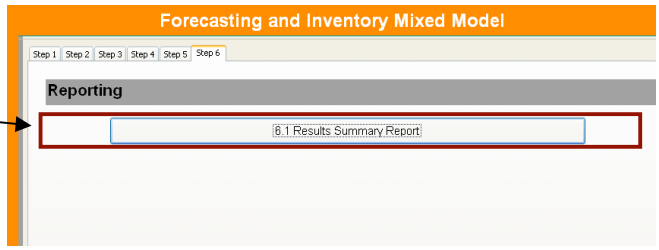
Main Outputs

Main results report

Flowchart Ref: none

Screen Preview

Click on step 6.1 to preview the report



Example of the report:

Main Results

Part Number: 0001-1102

Data Patterns:

☑ Intermittent ☐ Seasonality ☐ Trend

Forecasting results:

Best_Forecast:	Modified Croston	
Better_than_Naive:	yes	
Low_Pred_Int:	0	Units
Up_Pred_Int:	623	Units
Review_Forecast:	yes	
Lead_Time:	10.30	Months

Inventory results:

Re-Order Level:		
EOQ:	22	Units
M:	442	Units
Re-Order Cycle:		
Ro:	1.24	Months
S:	478	Units

Appendix E: Database Maintenance Manual

General Description

The database is structured in basic queries and Visual Basic (VBA) modules. The calculations start by using the RawData table which has the data that has been imported by the user, this information is later on filtered and analyzed in a series of steps. Each step is divided into sub-steps in the main menu, which have to be followed in order for the data to be processed correctly.

The procedures that are embedded into each of those steps are described in the following sections, there is also included a list of the VBA modules and sub procedures that were programmed into the database that can be used as a reference for troubleshooting.

Error handling

In case that the program is halted and the user is experiencing errors, here are some sources of errors:

1. The user did not follow all the steps in sequence during the procedure. This can be easily reviewed by checking the queries/ modules that should have been run up to the point of the error.
2. The database is corrupted. Try the "Compact and repair" option in the "Tools" menu. It is also important to keep regular backups of the database, MS Access 2003 has the option to backup the database also under the "Tools" menu.
3. VBA program error. This kind of error would happen in the forecasting and inventory steps where the calculations are mostly executed by VBA code. In this case the best option to troubleshoot is to open the VBA code and debug the program. The calculations can be checked at the following tables: Forecasting, Forecasting_Parameters, and Inventory.

The following table show the queries and procedures that are embedded under each step on the main menu:

Table E- 1 Database Detailed Actions by Step

STEP No.	STEP DESCRIPTION	ACTIONS
1.1	View Raw Data	Open "Raw_Data" form, which contains information from the "RawData" table
1.2	Enter Basic Parameters	Open " Enter_Basic_Parameters" form
1.3	View / Edit List of Customers to Delete	Open " Eliminate_Customers_from_RawData" form
1.4	View / Edit list of Part Numbers to Delete	Open "Deleted_PN_Key" form
1.5	View / Edit list of Part Numbers to Combine	Open "Combined_PN_Key" form
2.1	Delete Null Part numbers and Null Quantities	Runs select query " EliminateBlankPN", this query uses the RawData table as source
2.2	Delete all Part Numbers with *(F)*	Runs select query "Eliminate_(F)_PN", this query uses the query "EliminateBlankPN" and the table "FaultyPN" as source
2.3	Eliminate Customers	Runs the select query "Eliminate_Customers" using the query "Eliminate_(F)_PN" and table "Customers_to_Eliminate" as source
2.4	Delete Non-Spare Part Numbers	Runs Query "Eliminate_Non_Spare_PN" select query using the query "Eliminate_Customers" and table "ToDeletePN" as source
2.5	Combine Part Numbers	Runs the make table query "Combine_PN" using the query "Eliminate_Non_Spare_PN" and table "ToCombinePN". Creates table: "Filtered_and_Combined_Data"
2.6	View Filtered Data Pivot Chart	Opens pivot chart based on select query "Filtered_Data_Pivot_Chart", this query uses as source the "Filterd_and_Combined_Data" table
2.7	Filter Part Numbers with "A" Classification (Pareto)	1. Runs make table query "Pareto_2" using as source the table "Filtered_and_Combined_Data". Creates table: "ParetoResults1" 2. Runs make table query "Pareto_3" using the table "ParetoResults1" as source. Creates table "ParetoResults2" 3. Runs make table query "Pareto_4" using as source the table "ParetoResults2". Creates table "ParetoResults3"
3.1	Eliminate Part Numbers in Phase out or Introductory Phase	1. Runs the make table query "Prepare_Eliminate_PhaseOut_and_Intro" using as source the tables "ParetoResults3" and table "Filtered_and_Combined_Data". Creates the table "Min_Max_Orders" 2. Runs the select query "Eliminate_PhaseOut_and_Intro" using the table "Min_Max_Orders"
3.2	Open Pivot Chart with Data after filtering Phase Out and Introductory Phase	Runs and opens query in pivot chart view: " Filtered_intro_and_PhaseOut_Pivot using as source the query "Eliminate_PhaseOut_and_Intro" and the table "Filtered_and_Combined_Data"

Table E-1. Continued

STEP No.	STEP DESCRIPTION	ACTIONS
3.3	Identify part numbers with Intermittent Demand	1. Runs make table query "Order_Dates_for_Intermittent_Analysis" using the query "Eliminate_PhaseOut_and_Intro" and the table "Filtered_and_Combined_Data" as source. Creates table: "Intermittent_Analysis1" 2. Runs make table query "Oder_Dates_for_Intermittent_Analysis2" using the query "Intermittent_Analysis1" as source. Creates the table "Intermittent_Analysis3" 3. Runs select query "Order_Dates_for_Intermittent_Analysis3" using the table "Intermittent_Analysis3" 4. Runs select query "Order_dates_for_Intermittent_Analysis4" using the query "Order_Dates_for_Intermittent_Analysis3" as source 5. Runs make table query "Oder_Dates_for_Intermittent_Analysis5" using the query " Oder_Dates_for_Intermittent_Analysis4". Creates table: "Intermittent_Analysis4"
3.4	Analyze Seasonality / Trend	1. Runs select query "Seasonality_Trend_Analysis_Step1" using the table "Intermittent_Analysis4" as source 2. Runs the make table query "Seasonality_Trend_Analysis_Step3" using the query "Seasonality_trend_Analysis_Step1" and table "Filtered_and_Combined_Data" as source. Creates table "Seasonality_Trend_Qty_Dates" 3. Runs procedure "Autocorrelation" using table "Seasonality_Trend_Qty_Dates" 4. Runs procedure "Autocorrelation_Step2a using table "Seasonality_trend_Qty_dates" 5. Runs procedure "Autocorrelation_step3" using table "Seasonality_trend_Qty_Dates" and updates table "Seasonality_Trend" 6. Opens table "Seasonality_Trend"
3.5	Open Pivot Chart to Analyze Seasonality / Trend	Open Seasonality Pivot Chart
4.1	Prepare data for forecasting	1. Runs procedure: Prepare_For_Forecast". Runs make table query "Query_Initialize_Forecast_Table" using the query "Query_prepare_for_Initialize_Forecast_table" and query "Eliminate_PhaseOut_and_Intro" as source. Creates table "Forecasts" 2. Runs procedure "Add_New_Fields_Forecast_table" 3. Runs procedure "Prepare_Forecast_Parameters_table". Runs make table query "Create_Forecast_Parameters_table2", creates the table "Forecasts_Parameters", and adds new fields.
4.2	Run Forecasts	Runs procedures: Forecast_Simple_Moving_Average Forecast_Simple_Weigthed_Moving_Average Forecast_Holts_Linear Forecast_Single_Exponential_Smoothing Forecast_Holt_Winters Forecast_Linear_Reg_Deseasonalized Forecast_Croston Forecast_Approx_Croston Forecast_Modified_Croston

Table E-1. Continued

STEP No.	STEP DESCRIPTION	ACTIONS
4.3	Select Best Forecast	Runs procedure: Select_Best_Forecast
4.4	Determine if Forecast selected is better than Naïve Forecast and calculate tracking signal	Runs procedure: Theil_U_Stat
4.5	Calculate Prediction Intervals	Runs procedure: Prediction_Intervals
4.6	Visualize all Forecasts	Open "Visualize_All_Forecasts" form
5.1	Prepare Data for Inventory calculations	Runs procedure: Prepare_for_Inventory
5.2	Calculate inventory models	Runs procedure: Inventory_Modules
5.3	View inventory calculation results	Open "View_Inventory_results" form

The following pages show the VBA procedures that were programmed into the database.

Autocorrelations Modules

```
Sub Autocorrelation()
Dim dbs As Database
Dim rst As DAO.Recordset
Dim varPartNumber As Variant
Dim intMonthCount As Integer
Dim intYear As Integer
Dim intRecCount As Integer
Dim d As Integer
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Seasonality_Trend_Qty_Dates
Set rst = dbs.OpenRecordset("Seasonality_Trend_Qty_Dates", dbOpenDynaset)
'For each part number add the first january if it does not exist
With rst
   .MoveLast
   .MoveFirst
   intRecCount = .RecordCount
   .MoveFirst
   d = 0
  Do Until d = intRecCount
      varPartNumber = rst.Fields("PART_NR_Equivalent")
      If .Fields("Month_of_Order") <> 1 Then
         If .Fields("Month_of_Order") = 12 Then
            .Delete
            .MoveNext
            d = d + 1
            If .Fields("Month_of_Order") <> 1 Then
               intYear = rst.Fields("Year_of_Order")
               rst.AddNew
               rst("PART_NR_Equivalent").Value = varPartNumber
               rst("Month_of_Order").Value = 1
               rst("Year_of_Order").Value = intYear
               rst("SUMOfQTY").Value = 0
               rst.Update
               .MoveNext
               d = d + 1
            End If
         Else
            intYear = rst.Fields("Year_of_Order")
            rst.AddNew
            rst("PART_NR_Equivalent").Value = varPartNumber
            rst("Month_of_Order").Value = 1
            rst("Year_of_Order").Value = intYear
            rst("SUMOfQTY").Value = 0
            rst.Update
            .MoveNext
            d = d + 1
         End If
      Else
      End If
      Do While .Fields("PART_NR_Equivalent") = varPartNumber
         .MoveNext
         d = d + 1
         If .EOF = True Then
            Exit Do
         End If
      Loop
      If .EOF = True Then
         Exit Do
      End If
   Loop
End With
rst.Close
Set rst = Nothing
```

```
End Sub
=======================================
Sub Autocorrelation_Step2a()
Dim dbs As Database
Dim rst2 As DAO.Recordset
Dim intMonthCount As Integer
Dim intYear As Integer
Dim varPartNumber As Variant
Dim intDif As Integer
Dim i As Integer
Dim intRecCount As Integer
Dim b As Integer
Dim intYearDiff As Integer
Dim c As Integer
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Seasonality_Trend_Qty_Dates
intMonthCount = 1
varPartNumber = 0
intRecCount = 0
Set rst2 = dbs.OpenRecordset("Seasonality_Trend_Qty_Dates", dbOpenDynaset)
With rst2
   'Determine the size of the recordset
   .MoveLast
   .MoveFirst
   intRecCount = .RecordCount
  'Initialize process
   .MoveFirst
   varPartNumber = .Fields("PART_NR_Equivalent")
   intYear = .Fields("Year_of_Order")
   intMonthCount = .Fields("Month_of_order")
   .MoveNext
   'Loop through all the recordset looking for missing months
   For b = 1 To (intRecCount - 1)
    If .Fields("PART_NR_Equivalent") = varPartNumber Then
      intDif = .Fields("Month_of_order") - intMonthCount
      intYearDiff = .Fields("Year_of_Order") - intYear
      Select Case intYearDiff
       Case 0
         Select Case intDif
               Case 1
               Case Is > 1
                  For i = 1 To (intDif - 1)
                     rst2.AddNew
                     rst2("PART_NR_Equivalent").Value = varPartNumber
                     rst2("Year_of_Order").Value = intYear
                     rst2("Month_of_Order").Value = (intMonthCount + i)
                     rst2("SUMOfQTY").Value = 0
                     rst2.Update
                  Next i
         End Select
       Case 1
                  If intMonthCount < 12 Then
                     For i = (intMonthCount + 1) To 12
                        rst2.AddNew
                           rst2("PART_NR_Equivalent").Value = varPartNumber
                           rst2("Year_of_Order").Value = intYear
                           rst2("Month_of_Order").Value = i
                           rst2("SUMOfQTY").Value = 0
                        rst2.Update
                     Next i
                  End If
                  If .Fields("Month_of_order") > 1 Then
                     For i = 1 To (.Fields("Month_of_order") - 1)
                         rst2.AddNew
                           rst2("PART_NR_Equivalent").Value = varPartNumber
                           rst2("Year_of_Order").Value = intYear + 1
```

```
                    rst2("Month_of_Order").Value = i
                    rst2("SUMOfQTY").Value = 0
                rst2.Update
            Next i
        End If

    Case Else
        If intMonthCount < 12 Then
            For i = (intMonthCount + 1) To 12
                rst2.AddNew
                rst2("PART_NR_Equivalent").Value = varPartNumber
                rst2("Year_of_Order").Value = intYear
                rst2("Month_of_Order").Value = i
                rst2("SUMOfQTY").Value = 0
                rst2.Update
            Next i
        End If
        For i = 1 To (intYearDiff - 1)
            For c = 1 To 12
                rst2.AddNew
                rst2("PART_NR_Equivalent").Value = varPartNumber
                rst2("Year_of_Order").Value = intYear + i
                rst2("Month_of_Order").Value = c
                rst2("SUMOfQTY").Value = 0
                rst2.Update
            Next c
        Next i
        If .Fields("Month_of_order") > 1 Then
            For i = 1 To (.Fields("Month_of_order") - 1)
                rst2.AddNew
                rst2("PART_NR_Equivalent").Value = varPartNumber
                rst2("Year_of_Order").Value = intYear + intYearDiff
                rst2("Month_of_Order").Value = i
                rst2("SUMOfQTY").Value = 0
                rst2.Update
            Next i
        End If
    End Select
    varPartNumber = .Fields("PART_NR_Equivalent")
    intYear = .Fields("Year_of_Order")
    intMonthCount = .Fields("Month_of_order")
    .MoveNext
  Else
    varPartNumber = .Fields("PART_NR_Equivalent")
    intYear = .Fields("Year_of_Order")
    intMonthCount = .Fields("Month_of_order")
    .MoveNext
  End If
  Next b
End With
rst2.Close
Set rst2 = Nothing
End Sub

=========================
Public Sub Autocorrelation_Step3()
Dim dbs As Database
Dim rst3 As DAO.Recordset
Dim rst4 As DAO.Recordset
Dim rst5 As DAO.Recordset
Dim n As Integer
Dim dblAverage As Double
Dim dblDen As Double
Dim dblNum1 As Double
'Create Autocorrelation Variable:
Dim dblR As Double
```

```
'Create Counter variable:
Dim intK As Integer
'Create Flag for any R(K) outside limits
Dim blnFlagTrend As Boolean
Dim blnFlagSeason As Boolean
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
'Create variable for summation of qty per part number
Dim dblSum As Double
'Create variant for calculations,this will be converted to an array further on
Dim varArray() As Variant
'Create a bookmark for the beginning of the data for the part number evaluated
Dim varBegBookmark As Variant
'Create a bookmark for the end of the data for the part number evaluated
Dim varEndBookmark As Variant
Dim i As Integer
Dim intN As Integer
Dim t As Integer
Dim varField As Variant
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Seasonality_Trend_Qty_Dates, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Seasonality_Trend_Qty_Dates ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order", dbOpenDynaset)
'Open a Dynaset recordset using the table Seasonality_Trend, this is the final table we want to update
Set rst4 = dbs.OpenRecordset("Seasonality_Trend", dbOpenDynaset)
'Open a Dynaset recordset using only the field SumOfQTY of the table Seasonality_Trend_Qty_Dates
Set rst5 = dbs.OpenRecordset("SELECT SumOfQTY FROM Seasonality_Trend_Qty_Dates ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order", dbOpenDynaset)
'Initialize absolute position counter
intN = 0
'Create Array with quantity orders for ALL  part numbers
rst5.MoveLast
rst5.MoveFirst
varArray = rst5.GetRows(rst5.RecordCount)
rst3.MoveFirst
Do While Not rst3.EOF
    'Initialize variable for this part number
    n = 0
    dblDen = 0
    dblSum = 0
    dblAverage = 0
    blnFlagTrend = False
    blnFlagSeason = False
    varPartNumber = rst3.Fields("PART_NR_Equivalent")
    'Set a bookmark for the first record for this part number
    varBegBookmark = rst3.Bookmark
    Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
       n = (n + 1)
       dblSum = dblSum + rst3.Fields("SumOfQTY")
       rst3.MoveNext
       If rst3.EOF = True Then
          Exit Do
       End If
    Loop
    'Set a bookmark for the end of the records for this part number
    If rst3.EOF = False Then
    varEndBookmark = rst3.Bookmark
    Else
    End If
    'Calculate the average order quantity per month for the part number beign evaluated
    dblAverage = (dblSum / n)
    'Come back to the beginning to the data for the part number analized
    rst3.Bookmark = varBegBookmark
    'Place cursor on record matching part number in table Seasonality_trend
    rst4.MoveFirst
    Do While rst4.Fields("PART_NR_Equivalent") <> varPartNumber
```

```
    rst4.MoveNext
    If rst4.EOF = True Then
        Exit Do
    End If
Loop
'Set upper limit for the part number in table Seasonality_trend
rst4.Edit
rst4.Fields("UpperLimit").Value = (1.96 / (n ^ (1 / 2)))
rst4.Update
rst4.Edit
rst4.Fields("LowerLimit").Value = (-1.96 / (n ^ (1 / 2)))
rst4.Update
'Calculating R from 1 to 12
For i = 1 To n
    dblDen = ((rst3.Fields("SumOfQTY") - dblAverage) ^ 2) + dblDen
    rst3.MoveNext
Next
For intK = 1 To 12
    dblR = 0
    dblNum1 = 0
    For t = (intK + intN) To (intN + n - 1)
        If t >= rst5.RecordCount Then
            Exit For
        End If
        dblNum1 = ((varArray(0, t) - dblAverage) * (varArray(0, t - intK) - dblAverage)) + dblNum1
    Next
    dblR = dblNum1 / dblDen
    'Update R values in Seasonality_Trend table
    Select Case intK
        Case 1
            rst4.Edit
            rst4.Fields("R1").Value = dblR
            rst4.Update
        Case 2
            rst4.Edit
            rst4.Fields("R2").Value = dblR
            rst4.Update
        Case 3
            rst4.Edit
            rst4.Fields("R3").Value = dblR
            rst4.Update
        Case 4
            rst4.Edit
            rst4.Fields("R4").Value = dblR
            rst4.Update
        Case 5
            rst4.Edit
            rst4.Fields("R5").Value = dblR
            rst4.Update
        Case 6
            rst4.Edit
            rst4.Fields("R6").Value = dblR
            rst4.Update
        Case 7
            rst4.Edit
            rst4.Fields("R7").Value = dblR
            rst4.Update
        Case 8
            rst4.Edit
            rst4.Fields("R8").Value = dblR
            rst4.Update
        Case 9
            rst4.Edit
            rst4.Fields("R9").Value = dblR
            rst4.Update
        Case 10
```

```
                rst4.Edit
                rst4.Fields("R10").Value = dblR
                rst4.Update
            Case 11
                rst4.Edit
                rst4.Fields("R11").Value = dblR
                rst4.Update
            Case 12
                rst4.Edit
                rst4.Fields("R12").Value = dblR
                rst4.Update
            End Select
        'Analyze limits
        If dblR > (1.96 / (n ^ (1 / 2))) Or dblR < (-1.96 / (n ^ (1 / 2))) Then
            If intK <> 1 Then
                blnFlagSeason = True
            Else
                blnFlagTrend = True
            End If
        End If
    Next
    'Update absolute position marker
    intN = n + intN
    If intN >= rst5.RecordCount Then
        Exit Do
    End If
'Update Seasonality and trend properties for the part number in the Seasonality_Trend table
    If blnFlagSeason = True Then
        rst4.Edit
        rst4.Fields("Seasonality").Value = True
        rst4.Update
    End If
    If blnFlagTrend = True Then
        rst4.Edit
        rst4.Fields("Trend").Value = True
        rst4.Update
    End If
    'Come back to the end of the data for this part number
    rst3.Bookmark = varEndBookmark
Loop
rst3.Close
rst4.Close
rst5.Close
Set rst3 = Nothing
Set rst4 = Nothing
Set rst5 = Nothing
End Sub
```

Preparation for Forecast Modules

```
Public Sub Prepare_for_Forecast()
Dim dbs As Database
Dim rst As DAO.Recordset
Dim varPartNumber As Variant
Dim blnMarker As Boolean
Dim stDocName As String
Dim rst2 As DAO.Recordset
Dim intMonthCount As Integer
Dim intYear As Integer
Dim intDif As Integer
Dim i As Integer
Dim intRecCount As Integer
Dim b As Integer
Dim c As Integer
Dim d As Integer
```

```
Dim intTodayMonth As Integer
Dim intTodayYear As Integer
Dim intYearDiff As Integer
Set dbs = CurrentDb
intTodayMonth = DatePart("m", Now())
intTodayYear = DatePart("yyyy", Now())
'Run Query_Initialize_Forecast_Table to populate the table Forecasts
stDocName = "Query_Initialize_Forecast_Table"
DoCmd.OpenQuery stDocName, acViewNormal, acEdit
'==================================
'For each part number add a record for january if missing
'Open a Dynaset recordset using the table Forecasts
Set rst = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
With rst
   .MoveLast
   .MoveFirst
   intRecCount = .RecordCount
   .MoveFirst
   d = 0
  Do Until d = intRecCount
      varPartNumber = rst.Fields("PART_NR_Equivalent")
      If .Fields("Month_of_Order") <> 1 Then
         If .Fields("Month_of_Order") = 12 Then
            .Delete
            .MoveNext
            d = d + 1
            If .Fields("Month_of_Order") <> 1 Then
               intYear = rst.Fields("Year_of_Order")
               rst.AddNew
               rst("PART_NR_Equivalent").Value = varPartNumber
               rst("Month_of_Order").Value = 1
               rst("Year_of_Order").Value = intYear
               rst("SUMOfQTY").Value = 0
               rst.Update
               .MoveNext
               d = d + 1
            End If
         Else
            intYear = rst.Fields("Year_of_Order")
            rst.AddNew
            rst("PART_NR_Equivalent").Value = varPartNumber
            rst("Month_of_Order").Value = 1
            rst("Year_of_Order").Value = intYear
            rst("SUMOfQTY").Value = 0
            rst.Update
            .MoveNext
            d = d + 1
         End If
      Else
      End If
      Do While .Fields("PART_NR_Equivalent") = varPartNumber
         .MoveNext
         d = d + 1
         If .EOF = True Then
            Exit Do
         End If
      Loop
      .MovePrevious
      If (rst("Year_of_Order") <> intTodayYear And rst("Month_of_Order") <> intTodayMonth) Or (rst("Year_of_Order") =
intTodayYear And rst("Month_of_Order") <> intTodayMonth) Then
         rst.AddNew
         rst("PART_NR_Equivalent").Value = varPartNumber
         rst("Month_of_Order").Value = intTodayMonth
         rst("Year_of_Order").Value = intTodayYear
         rst("SUMOfQTY").Value = 0
```

```
            rst.Update
        End If
        If .EOF = True Then
            Exit Do
        End If
        .MoveNext
    Loop
End With
'==========================
'For each part number check for missing months, if any month is missing add a new record with a qty of zero
intMonthCount = 1
varPartNumber = 0
intRecCount = 0
Set rst2 = Nothing
Set rst2 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
With rst2
    'Determine the size of the recordset
    .MoveLast
    .MoveFirst
    intRecCount = .RecordCount
   'Initialize process
    .MoveFirst
    varPartNumber = .Fields("PART_NR_Equivalent")
    intYear = .Fields("Year_of_Order")
    intMonthCount = .Fields("Month_of_order")
    .MoveNext
    'Loop through all the recordset looking for missing months
    For b = 1 To (intRecCount - 1)
     If .Fields("PART_NR_Equivalent") = varPartNumber Then
        intDif = .Fields("Month_of_order") - intMonthCount
        intYearDiff = .Fields("Year_of_Order") - intYear
        Select Case intYearDiff
         Case 0
            Select Case intDif
                Case 1
                Case Is > 1
                  For i = 1 To (intDif - 1)
                     rst2.AddNew
                     rst2("PART_NR_Equivalent").Value = varPartNumber
                     rst2("Year_of_Order").Value = intYear
                     rst2("Month_of_Order").Value = (intMonthCount + i)
                     rst2("SUMOfQTY").Value = 0
                     rst2.Update
                  Next i
            End Select
         Case 1
                  If intMonthCount < 12 Then
                     For i = (intMonthCount + 1) To 12
                        rst2.AddNew
                           rst2("PART_NR_Equivalent").Value = varPartNumber
                           rst2("Year_of_Order").Value = intYear
                           rst2("Month_of_Order").Value = i
                           rst2("SUMOfQTY").Value = 0
                        rst2.Update
                     Next i
                  End If
                  If .Fields("Month_of_order") > 1 Then
                     For i = 1 To (.Fields("Month_of_order") - 1)
                         rst2.AddNew
                           rst2("PART_NR_Equivalent").Value = varPartNumber
                           rst2("Year_of_Order").Value = intYear + 1
                           rst2("Month_of_Order").Value = i
                           rst2("SUMOfQTY").Value = 0
                        rst2.Update
                      Next i
```

```
                End If
        Case Else
                If intMonthCount < 12 Then
                   For i = (intMonthCount + 1) To 12
                      rst2.AddNew
                      rst2("PART_NR_Equivalent").Value = varPartNumber
                      rst2("Year_of_Order").Value = intYear
                      rst2("Month_of_Order").Value = i
                      rst2("SUMOfQTY").Value = 0
                      rst2.Update
                   Next i
                End If
                For i = 1 To (intYearDiff - 1)
                   For c = 1 To 12
                      rst2.AddNew
                      rst2("PART_NR_Equivalent").Value = varPartNumber
                      rst2("Year_of_Order").Value = intYear + i
                      rst2("Month_of_Order").Value = c
                      rst2("SUMOfQTY").Value = 0
                      rst2.Update
                   Next c
                Next i
                If .Fields("Month_of_order") > 1 Then
                   For i = 1 To (.Fields("Month_of_order") - 1)
                       rst2.AddNew
                         rst2("PART_NR_Equivalent").Value = varPartNumber
                         rst2("Year_of_Order").Value = intYear + intYearDiff
                         rst2("Month_of_Order").Value = i
                         rst2("SUMOfQTY").Value = 0
                       rst2.Update
                    Next i
                End If
      End Select
      varPartNumber = .Fields("PART_NR_Equivalent")
      intYear = .Fields("Year_of_Order")
      intMonthCount = .Fields("Month_of_order")
      .MoveNext
   Else
      varPartNumber = .Fields("PART_NR_Equivalent")
      intYear = .Fields("Year_of_Order")
      intMonthCount = .Fields("Month_of_order")
      .MoveNext
   End If
   Next b
End With
rst2.Close
Set rst2 = Nothing
Set rst = Nothing
End Sub
Public Sub Add_NewFields_Forecast_table()
Dim dbs As Database
Dim td As DAO.TableDef
Dim fd As DAO.Field
Set dbs = CurrentDb
Set td = dbs.TableDefs("Forecasts")
'Add Forecast fields
Set fd = td.CreateField("Forecast_MA", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Forecast_WA", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Forecast_HW12", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Quarter_HW4", dbInteger)
td.Fields.Append fd
Set fd = td.CreateField("QTYQuarter_HW4", dbDouble)
td.Fields.Append fd
```

```
Set fd = td.CreateField("Forecast_HW4", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Sem_HW6", dbInteger)
td.Fields.Append fd
Set fd = td.CreateField("QTYSem_HW6", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Forecast_HW6", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Forecast_LRD12", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Quarter_LRD4", dbInteger)
td.Fields.Append fd
Set fd = td.CreateField("QTYQuarter_LRD4", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Forecast_LRD4", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Sem_LRD6", dbInteger)
td.Fields.Append fd
Set fd = td.CreateField("QTYSem_LRD6", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Forecast_LRD6", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Forecast_H", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Forecast_LR", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Forecast_SE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Forecast_CR", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Forecast_ACR", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Forecast_MC", dbDouble)
td.Fields.Append fd
End Sub

Public Sub Prepare_Forecast_Parameters_Table()
Dim dbs As Database
Dim stDocName As String
Dim td As DAO.TableDef
Dim fd As DAO.Field
Set dbs = CurrentDb
'Run query that creates summary table for forecast parameters
stDocName = "Create_Forecast_Parameters_table2"
DoCmd.OpenQuery stDocName, acViewNormal, acEdit
'Add additional fields to include during forecasts
Set td = dbs.TableDefs("Forecasts_Parameters")
Set fd = td.CreateField("Best_Forecast", dbText)
td.Fields.Append fd
Set fd = td.CreateField("Theil_U", dbSingle)
td.Fields.Append fd
Set fd = td.CreateField("Better_than_Naïve", dbText)
td.Fields.Append fd
Set fd = td.CreateField("Low_Pred_Int", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Up_Pred_Int", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Tracking_Signal", dbSingle)
td.Fields.Append fd
Set fd = td.CreateField("Review_Forecast", dbText)
td.Fields.Append fd
Set fd = td.CreateField("MAD_best", dbText)
td.Fields.Append fd
Set fd = td.CreateField("MA_MSE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("MA_MAPE", dbDouble)
```

```
td.Fields.Append fd
Set fd = td.CreateField("MA_Avg_Periods", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("WMA_MSE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("WMA_MAPE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Holts_Alpha", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Holts_Beta", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Holts_MSE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Holts_MAPE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("SE_Alpha", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("SE_MSE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("SE_MAPE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("HW_Alpha", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("HW_Beta", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("HW_Gamma", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("HW_s", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("HW_MSE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("HW_MAPE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("LRD_s", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("LRD_a", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("LRD_b", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("LRD_MSE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("LRD_MAPE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("CR_Alpha", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("CR_MSE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("CR_MAPE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("ACR_Alpha", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("ACR_MSE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("ACR_MAPE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("MC_Alpha", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("MC_MSE", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("MC_MAPE", dbDouble)
td.Fields.Append fd
End Sub
```

Simple Moving Average Forecast

```
Public Sub Forecast_Simple_Moving_Average()
Dim dbs As Database
Dim rst3 As DAO.Recordset
Dim rst4 As DAO.Recordset
Dim rst5 As DAO.Recordset
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
'Create variable for forecast
Dim dblF As Double
'Create variable for summation of qty per part number
Dim dblSum As Double
'Create variant for calculations,this will be converted to an array further on
Dim varArray() As Variant
'Create a bookmark for the beginning of the data for the part number evaluated
Dim varBegBookmark As Variant
'Create a bookmark for the end of the data for the part number evaluated
Dim varEndBookmark As Variant
'Create variable to hold current calculations of MSE
Dim dblMSE As Double
Dim dblMSE1 As Double
'Create variables to hold calculations for MAPE
Dim dblMAPE As Double
Dim dblMAPE1 As Double
'Create variable to hold best calculations of MSE
Dim dblMSEbest As Double
'Create variable to hold best number of periods to average
Dim intMAbest As Integer
'Create Counter variables:
Dim intK As Integer
'Create variable n to hold the total number of records per part number
Dim n As Integer
'Create variable intN to hold the absolute position count
Dim intN As Integer
'Create several variables for counters
Dim i As Integer
Dim t As Integer
Dim x As Integer
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)

'Open a Dynaset recordset using only the field SumOfQTY of the table Forecasts
Set rst5 = dbs.OpenRecordset("SELECT SumOfQTY FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order,
Month_of_order", dbOpenDynaset)
'Initialize absolute position counter
intN = 0
'Create Array with quantity orders for ALL  part numbers
rst5.MoveLast
rst5.MoveFirst
varArray = rst5.GetRows(rst5.RecordCount)
rst3.MoveFirst
Do While Not rst3.EOF
   'Initialize variable for this part number
   n = 0
   dblSum = 0
   dblMSE = 0
   dblMSEbest = 0
   intMAbest = 0
   varPartNumber = rst3.Fields("PART_NR_Equivalent")
   'Check if this part number is valid for Simple Moving Average
```

```
    'Confirm that is not intermittent and that has either seasonality or trend or Both
     rst4.MoveFirst
     Do Until rst4.Fields("PART_NR_Equivalent") = varPartNumber
        rst4.MoveNext
        If rst4.EOF = True Then
           Exit Do
        End If
     Loop
    If (rst4.Fields("Intermittent") = "yes") Then
    Else
     If (rst4.Fields("Seasonality") = True And rst4.Fields("Trend") = True) Or (rst4.Fields("Seasonality") = False And
rst4.Fields("Trend") = True) Then
        'Calculate Forecast
        'Set a bookmark for the first record for this part number
        varBegBookmark = rst3.Bookmark
        'Calculate the number of records for this part number
        Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
           n = (n + 1)
           rst3.MoveNext
           If rst3.EOF = True Then
              Exit Do
           End If
        Loop
        'Set a bookmark for the last record of this part number
        If rst3.EOF = False Then
        varEndBookmark = rst3.Bookmark
        Else
        End If
        'Come back to the first record for this part number
        rst3.Bookmark = varBegBookmark
        'Calculate simple moving average for 2 to 24 periods and determine the best number of periods to average between 2 and 24
           For intK = 2 To 24
              dblMSE1 = 0
              dblSum = 0
              x = intN + intK
              For i = x To (x + n - intK - 1)
                 If i > rst5.RecordCount Then
                    Exit For
                 End If
                 For t = 1 To intK
                    dblSum = dblSum + varArray(0, (i - t))
                 Next
                 'Calculate forecast for absolute position intN
                 dblF = (dblSum / intK)
                 dblSum = 0
                 If i <> (x + n - intK - 1) Then
                    'Calculate MSE for the current intK
                    dblMSE1 = dblMSE1 + ((varArray(0, (i)) - dblF) ^ 2)
                 End If
              Next
              dblMSE = (dblMSE1 / (n - intK - 1))
              'Record the best number of periods to average so far
              If intK = 2 Then
                 dblMSEbest = dblMSE
                 intMAbest = 2
              End If
              If dblMSE < dblMSEbest Then
                 intMAbest = intK
                 dblMSEbest = dblMSE
              End If
           Next
           'Once selected the best number of periods to average calculate again the forecast and update in the Forecasts table
           dblMSE1 = 0
           dblMAPE1 = 0
           dblSum = 0
           x = intN + intMAbest
```

```
        For i = 1 To intMAbest
           rst3.MoveNext
        Next
        For i = x To (x + n - intMAbest - 1)
           If i > rst5.RecordCount Then
              Exit For
           End If
           For t = 1 To intMAbest
              dblSum = dblSum + varArray(0, (i - t))
           Next
           'Calculate and update forecast in table
           dblF = (dblSum / intMAbest)
           rst3.Edit
           rst3.Fields("Forecast_MA").Value = dblF
           rst3.Update
           dblSum = 0
           'Start calculations for MSE and MAPE for this part number with the selected number of months to average
           'Exclude the last forecast in teh calculations for MSE and MAPE
           If i <> (x + n - intMAbest - 1) Then
              dblMSE1 = dblMSE1 + ((varArray(0, (i)) - dblF) ^ 2)
              If varArray(0, i) <> 0 Then
                 dblMAPE1 = dblMAPE1 + ((Abs(varArray(0, i) - dblF) / varArray(0, i)) * 100)
              End If
           End If
           If rst3.EOF = True Then
           Exit For
           End If
           rst3.MoveNext
        Next
        dblMSE = (dblMSE1 / (n - intMAbest - 1))
        dblMAPE = (dblMAPE1 / (n - intMAbest - 1))
        'Update parameters in Forecasts_Parameters table
        rst4.Edit
        rst4.Fields("MA_MSE").Value = dblMSE
        rst4.Update
        rst4.Edit
        rst4.Fields("MA_Avg_Periods").Value = intMAbest
        rst4.Update
        rst4.Edit
        rst4.Fields("MA_MAPE").Value = dblMAPE
        rst4.Update
        'Update absolute position marker
        intN = n + intN
        If intN >= rst5.RecordCount Then
           Exit Do
        End If
        If rst3.EOF = True Then
        Exit Do
        End If
     End If
    End If
    Do Until rst3.Fields("PART_NR_Equivalent") <> varPartNumber
       rst3.MoveNext
       intN = intN + 1
       If rst3.EOF = True Then
          Exit Do
       End If
    Loop
Loop
rst3.Close
rst4.Close
rst5.Close
Set rst3 = Nothing
Set rst4 = Nothing
Set rst5 = Nothing
End Sub
```

Weighted Moving Average Forecast

```
Public Sub Forecast_Simple_Weigthed_Moving_Average()
Dim dbs As Database
Dim rst3 As DAO.Recordset
Dim rst4 As DAO.Recordset
Dim rst5 As DAO.Recordset
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
'Create variable for forecast
Dim dblF As Double
'Create variable for summation of qty per part number
Dim dblSum As Double
'Create variant for calculations,this will be converted to an array further on
Dim varArray() As Variant
'Create a bookmark for the beginning of the data for the part number evaluated
Dim varBegBookmark As Variant
'Create a bookmark for the end of the data for the part number evaluated
Dim varEndBookmark As Variant
'Create variable to hold current calculations of MSE
Dim dblMSE As Double
Dim dblMSE1 As Double
'Create variables to hold calculations for MAPE
Dim dblMAPE As Double
Dim dblMAPE1 As Double
'Create variable to hold best calculations of MSE
Dim dblMSEbest As Double
'Create variable to hold best number of periods to average
Dim intMAbest As Integer
'Create Counter variables:
Dim intK As Integer
'Create variable n to hold the total number of records per part number
Dim n As Integer
'Create variable intN to hold the absolute position count
Dim intN As Integer
'Create several variables for counters
Dim i As Integer
Dim t As Integer
Dim x As Integer
'Create variable for calculation of weigth
Dim w As Double
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)
'Open a Dynaset recordset using only the field SumOfQTY of the table Forecasts
Set rst5 = dbs.OpenRecordset("SELECT SumOfQTY FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order,
Month_of_order", dbOpenDynaset)
'Initialize absolute position counter
intN = 0
'Create Array with quantity orders for ALL  part numbers
rst5.MoveLast
rst5.MoveFirst
varArray = rst5.GetRows(rst5.RecordCount)
rst3.MoveFirst
Do While Not rst3.EOF
   'Initialize variable for this part number
   n = 0
   dblSum = 0
   dblMSE = 0
   dblMSEbest = 0
   intMAbest = 0
   varPartNumber = rst3.Fields("PART_NR_Equivalent")
```

```
    'Check if this part number is valid for Simple Moving Average
    'Confirm that is not intermittent and that has either seasonality or trend or Both
     rst4.MoveFirst
     Do Until rst4.Fields("PART_NR_Equivalent") = varPartNumber
        rst4.MoveNext
        If rst4.EOF = True Then
           Exit Do
        End If
     Loop
    If (rst4.Fields("Intermittent") = "yes") Then
    Else
      If (rst4.Fields("Seasonality") = True And rst4.Fields("Trend") = True) Or (rst4.Fields("Seasonality") = False And
rst4.Fields("Trend") = True) Then
        'Calculate Forecast
        'Set a bookmark for the first record for this part number
        varBegBookmark = rst3.Bookmark
        'Calculate the number of records for this part number
        Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
           n = (n + 1)
           rst3.MoveNext
           If rst3.EOF = True Then
              Exit Do
           End If
        Loop
        'Set a bookmark for the last record of this part number
        If rst3.EOF = False Then
        varEndBookmark = rst3.Bookmark
        Else
        End If
        'Come back to the first record for this part number
        rst3.Bookmark = varBegBookmark
        'Calculate simple moving average for 2 to 24 periods and determine the best number of periods to average between 2 and 24
           For intK = 2 To 24
              dblMSE1 = 0
              dblSum = 0
              x = intN + intK
              For i = x To (x + n - intK - 1)
                 If i > rst5.RecordCount Then
                    Exit For
                 End If
                 For t = 1 To intK
                    dblSum = dblSum + varArray(0, (i - t))
                 Next
                 'Calculate forecast for absolute position intN
                 dblF = (dblSum / intK)
                 dblSum = 0
                 If i <> (x + n - intK - 1) Then
                    'Calculate MSE for the current intK without including the last forecast
                    dblMSE1 = dblMSE1 + ((varArray(0, (i)) - dblF) ^ 2)
                 End If
              Next
              dblMSE = (dblMSE1 / (n - intK - 1))
              'Record the best number of periods to average so far
              If intK = 2 Then
                 dblMSEbest = dblMSE
                 intMAbest = 2
              End If
              If dblMSE < dblMSEbest Then
                 intMAbest = intK
                 dblMSEbest = dblMSE
              End If
           Next
           'Once selected the best number of periods to average calculate again the forecast and update in the Forecasts table
           dblMSE1 = 0
           dblSum = 0
           dblMAPE1 = 0
```

```
'Calculate the average weight per observation
w = (100 / intMAbest)
x = intN + intMAbest
For i = 1 To intMAbest
   rst3.MoveNext
Next
For i = x To (x + n - intMAbest - 1)
   If i > rst5.RecordCount Then
      Exit For
   End If
   For t = 1 To intMAbest
      If intMAbest >= 4 Then
         Select Case t
         Case 1
         dblSum = dblSum + (varArray(0, (i - t)) * (w / 100) * 2)
         Case 2
         dblSum = dblSum + (varArray(0, (i - t)) * (w / 100))
         Case Is >= 3
         dblSum = dblSum + (varArray(0, (i - t)) * ((1 - (3 * w / 100)) / (intMAbest - 2)))
         End Select
      Else
         If intMAbest = 3 Then
            Select Case t
            Case 1
            dblSum = dblSum + (varArray(0, (i - t)) * 0.6)
            Case 2
            dblSum = dblSum + (varArray(0, (i - t)) * 0.2)
            Case 3
            dblSum = dblSum + (varArray(0, (i - t)) * 0.2)
            End Select
         Else
            Select Case t
            Case 1
            dblSum = dblSum + (varArray(0, (i - t)) * 0.75)
            Case 2
            dblSum = dblSum + (varArray(0, (i - t)) * 0.25)
            End Select
         End If
      End If
   Next
   'Calculate and update forecast in table
   dblF = dblSum
   rst3.Edit
   rst3.Fields("Forecast_WA").Value = dblF
   rst3.Update
   dblSum = 0
   If i <> (x + n - intMAbest - 1) Then
      'Start calculations for MSE and MAPE for this part number with the selected number of months to average
      dblMSE1 = dblMSE1 + ((varArray(0, (i)) - dblF) ^ 2)
      If varArray(0, i) <> 0 Then
         dblMAPE1 = dblMAPE1 + ((Abs(varArray(0, i) - dblF) / varArray(0, i)) * 100)
      End If
   End If
   If rst3.EOF = True Then
   Exit For
   End If
   rst3.MoveNext
Next
'Calculate MSE and MAPE
dblMSE = (dblMSE1 / (n - intMAbest - 1))
dblMAPE = (dblMAPE1 / (n - intMAbest - 1))
'Update parameters in Forecasts_Parameters table
rst4.Edit
rst4.Fields("WMA_MSE").Value = dblMSE
rst4.Update
rst4.Edit
```

```
            rst4.Fields("WMA_MAPE").Value = dblMAPE
            rst4.Update
            'Update absolute position marker
            intN = n + intN
            If intN >= rst5.RecordCount Then
               Exit Do
            End If
            If rst3.EOF = True Then
            Exit Do
            End If
     End If
    End If
    Do Until rst3.Fields("PART_NR_Equivalent") <> varPartNumber
       rst3.MoveNext
       intN = intN + 1
       If rst3.EOF = True Then
          Exit Do
       End If
    Loop
Loop
rst3.Close
rst4.Close
rst5.Close
Set rst3 = Nothing
Set rst4 = Nothing
Set rst5 = Nothing
End Sub
```

Holts Linear Forecast

```
Public Sub Forecast_Holts_Linear()
Dim dbs As Database
Dim rst3 As DAO.Recordset
Dim rst4 As DAO.Recordset
Dim rst5 As DAO.Recordset
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
'Create variable for forecast value
Dim dblF As Double
'Create variant for calculations,this will be converted to an array further on
Dim varArray() As Variant
'Create a bookmark for the beginning of the data for the part number evaluated
Dim varBegBookmark As Variant
'Create a bookmark for the end of the data for the part number evaluated
Dim varEndBookmark As Variant
'Create variable to hold current calculations of MSE
Dim dblMSE As Double
Dim dblMSE1 As Double
'Create variables to hold calculations for MAPE
Dim dblMAPE As Double
Dim dblMAPE1 As Double
'Create variable to hold best calculations of MSE
Dim dblMSEbest As Double
'Create variable for current Alpha
Dim sngAlpha As Single
'Create variable for current Beta
Dim sngBeta As Single
'Create variable to hold best Alpha
Dim sngAlphabest As Single
'Create variable to hold best Beta
Dim sngBetabest As Single
'Create variable for previous calculation of L
Dim dblLprev As Double
'Create variable for current L
Dim dblL As Double
```

```
'Create variable for previous calculation of b
Dim dblbprev As Double
'Create variable to hold current calculation of b
Dim dblb As Double
'Create Counter variables:
Dim intK As Integer
'Create variable n to hold the total number of records per part number
Dim n As Integer
'Create variable intN to hold the absolute position count
Dim intN As Integer
'Create several variables for counters
Dim i As Integer
Dim t As Integer
Dim x As Integer
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)
'Open a Dynaset recordset using only the field SumOfQTY of the table Forecasts
Set rst5 = dbs.OpenRecordset("SELECT SumOfQTY FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order,
Month_of_order", dbOpenDynaset)
'Initialize absolute position counter
intN = 0
'Create Array with quantity orders for ALL  part numbers
rst5.MoveLast
rst5.MoveFirst
varArray = rst5.GetRows(rst5.RecordCount)
rst3.MoveFirst
Do While Not rst3.EOF
   'Initialize variable for this part number
   n = 0
   dblMSE = 0
   dblMSEbest = 0
   dblMAPE = 0
   sngAlphabest = 0
   sngBetabest = 0
   sngAlpha = 0
   sngBeta = 0
   varPartNumber = rst3.Fields("PART_NR_Equivalent")
   'Check if this part number is valid for Holts Linear
   'Confirm that is not intermittent and that has trend but no seasonality
    rst4.MoveFirst
    Do Until rst4.Fields("PART_NR_Equivalent") = varPartNumber
      rst4.MoveNext
      If rst4.EOF = True Then
         Exit Do
      End If
    Loop
   If (rst4.Fields("Intermittent") = "no") And rst4.Fields("Seasonality") = False And rst4.Fields("Trend") = True Then
      'Calculate Forecast
      'Set a bookmark for the first record for this part number
      varBegBookmark = rst3.Bookmark
      'Calculate the number of records for this part number
      Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
         n = (n + 1)
         rst3.MoveNext
         If rst3.EOF = True Then
            Exit Do
         End If
      Loop
      'Set a bookmark for the last record of this part number
      If rst3.EOF = False Then
      varEndBookmark = rst3.Bookmark
      Else
```

```
End If
'Come back to the first record for this part number
rst3.Bookmark = varBegBookmark
'Calculate forecast using Holts and determine the best alpha and beta by minimizing  MSE
   Do While sngBeta <= 1
      sngBeta = sngBeta + 0.1
      'Calculate best alpha for current beta
      Do While sngAlpha <= 1
         dblMSE1 = 0
         dblMAPE1 = 0
         sngAlpha = sngAlpha + 0.1
         'Initialize estimate of the slope "b1"
         dblbprev = varArray(0, (intN + 1)) - varArray(0, intN)
         'Initialize Estimate of the level of the series "L1"
         dblLprev = varArray(0, intN)
         'Start forecast calculations for each observation for this part number
         For i = (intN + 1) To (intN + n - 1)
            'Calculate level of the series "L"
            dblL = (sngAlpha * varArray(0, i)) + ((1 - sngAlpha) * (dblLprev + dblbprev))
            'Calculate the slope of the series "b"
            dblb = (sngBeta * (dblL - dblLprev)) + ((1 - sngBeta) * dblbprev)
            'Calculate the forecast
            dblF = dblLprev + dblbprev
            If dblF < 0 Then
               dblF = 0
            End If
            If i <> (intN + n - 1) Then
               'Calculate MSE for the current values of alpha and beta, exclude last forecast
               dblMSE1 = dblMSE1 + ((varArray(0, i) - dblF) ^ 2)
            End If
            dblbprev = dblb
            dblLprev = dblL
         Next
         'Calculate MSE for current Alpha
         dblMSE = (dblMSE1 / (n - 2))
         'Record the best alpha and beta so far
         If sngAlpha = 0.1 And sngBeta = 0.1 Then
            dblMSEbest = dblMSE
            sngAlphabest = sngAlpha
            sngBetabest = sngBeta
         End If
         If dblMSE < dblMSEbest Then
            sngAlphabest = sngAlpha
            dblMSEbest = dblMSE
            sngBetabest = sngBeta
         End If
      Loop
      sngAlpha = 0
   Loop
   'Once selected the best alpha and beta calculate again the forecast and update in the Forecasts table
   dblMSE1 = 0
   dblMAPE1 = 0
   'Initialize estimate of the slope "b1"
    dblbprev = varArray(0, (intN + 1)) - varArray(0, intN)
    'Initialize Estimate of the level of the series "L1"
    dblLprev = varArray(0, intN)
    'Start forecast calculations for each observation for this part number
    rst3.MoveNext
    For i = (intN + 1) To (intN + n - 1)
       'Calculate level of the series "L"
       dblL = (sngAlphabest * varArray(0, i)) + ((1 - sngAlphabest) * (dblLprev + dblbprev))
       'Calculate the slope of the series "b"
       dblb = (sngBetabest * (dblL - dblLprev)) + ((1 - sngBetabest) * dblbprev)
       'Calculate the forecast
       dblF = dblLprev + dblbprev
       If dblF < 0 Then
```

```
            dblF = 0
          End If
          'Update forecast value in Forecasts table
          rst3.Edit
          rst3.Fields("Forecast_H").Value = dblF
          rst3.Update
          rst3.MoveNext
          If i <> (intN + n - 1) Then
            'Start cumulative values calculations for MSE and MAPE for the current values of alpha and beta
            dblMSE1 = dblMSE1 + ((varArray(0, (i)) - dblF) ^ 2)
            If varArray(0, i) <> 0 Then
               dblMAPE1 = dblMAPE1 + ((Abs(varArray(0, i) - dblF) / varArray(0, i)) * 100)
            End If
          End If
          dblbprev = dblb
          dblLprev = dblL
        Next
        'Calculate MSE and MAPE for this part number with the alpha and beta selected
        dblMSE = (dblMSE1 / (n - 2))
        dblMAPE = (dblMAPE1 / (n - 2))
        'Update parameters in Forecasts_Parameters table
        rst4.Edit
        rst4.Fields("Holts_Alpha").Value = sngAlphabest
        rst4.Update
        rst4.Edit
        rst4.Fields("Holts_Beta").Value = sngBetabest
        rst4.Update
        rst4.Edit
        rst4.Fields("Holts_MSE").Value = dblMSE
        rst4.Update
        rst4.Edit
        rst4.Fields("Holts_MAPE").Value = dblMAPE
        rst4.Update
        'Update absolute position marker
        intN = n + intN
        If intN >= rst5.RecordCount Then
           Exit Do
        End If
        If rst3.EOF = True Then
        Exit Do
        End If
   Else
   End If
   Do Until rst3.Fields("PART_NR_Equivalent") <> varPartNumber
      rst3.MoveNext
      intN = intN + 1
      If rst3.EOF = True Then
         Exit Do
      End If
   Loop
Loop
rst3.Close
rst4.Close
rst5.Close
Set rst3 = Nothing
Set rst4 = Nothing
Set rst5 = Nothing
End Sub
```

Single Exponential Smoothing Forecast

```
Public Sub Forecast_Single_Exponential_Smoothing()
Dim dbs As Database
Dim rst3 As DAO.Recordset
```

```
Dim rst4 As DAO.Recordset
Dim rst5 As DAO.Recordset
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
'Create variable for forecast value
Dim dblF As Double
'Create variant for calculations,this will be converted to an array further on
Dim varArray() As Variant
'Create a bookmark for the beginning of the data for the part number evaluated
Dim varBegBookmark As Variant
'Create a bookmark for the end of the data for the part number evaluated
Dim varEndBookmark As Variant
'Create variable to hold current calculations of MSE
Dim dblMSE As Double
Dim dblMSE1 As Double
'Create variables to hold calculations for MAPE
Dim dblMAPE As Double
Dim dblMAPE1 As Double
'Create variable to hold best calculations of MSE
Dim dblMSEbest As Double
'Create variable for current Alpha
Dim sngAlpha As Single
'Create variable to hold best Alpha
Dim sngAlphabest As Single
'Create Counter variables:
Dim intK As Integer
'Create variable n to hold the total number of records per part number
Dim n As Integer
'Create variable intN to hold the absolute position count
Dim intN As Integer
'Create several variables for counters
Dim i As Integer
Dim t As Integer
Dim x As Integer
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)
'Open a Dynaset recordset using only the field SumOfQTY of the table Forecasts
Set rst5 = dbs.OpenRecordset("SELECT SumOfQTY FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order,
Month_of_order", dbOpenDynaset)
'Initialize absolute position counter
intN = 0
'Create Array with quantity orders for ALL  part numbers
rst5.MoveLast
rst5.MoveFirst
varArray = rst5.GetRows(rst5.RecordCount)
rst3.MoveFirst
Do While Not rst3.EOF
   'Initialize variable for this part number
   n = 0
   dblMSE = 0
   dblMSEbest = 0
   dblMAPE = 0
   sngAlphabest = 0
   sngAlpha = 0
   varPartNumber = rst3.Fields("PART_NR_Equivalent")
   'Check if this part number is valid for Holts Linear
   'Confirm that is not intermittent and that has trend but no seasonality
    rst4.MoveFirst
    Do Until rst4.Fields("PART_NR_Equivalent") = varPartNumber
      rst4.MoveNext
      If rst4.EOF = True Then
         Exit Do
```

```
    End If
  Loop
If (rst4.Fields("Intermittent") = "no") And rst4.Fields("Seasonality") = False And rst4.Fields("Trend") = False Then
    'Calculate Forecast
    'Set a bookmark for the first record for this part number
    varBegBookmark = rst3.Bookmark
    'Calculate the number of records for this part number
    Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
       n = (n + 1)
       rst3.MoveNext
       If rst3.EOF = True Then
          Exit Do
       End If
    Loop
    'Set a bookmark for the last record of this part number
    If rst3.EOF = False Then
    varEndBookmark = rst3.Bookmark
    Else
    End If
    'Come back to the first record for this part number
    rst3.Bookmark = varBegBookmark
    'Calculate forecast using Single Exponential Smoothing and determine the best alpha by minimizing  MSE
    'Calculate best alpha
    Do While sngAlpha <= 1
       dblMSE1 = 0
       dblMAPE1 = 0
       sngAlpha = sngAlpha + 0.1
       'Start forecast calculations for each observation for this part number
       'Initialize dblF
       dblF = varArray(0, intN)
       For i = (intN + 1) To (intN + n - 1)
          'Calculate the forecast
          dblF = dblF + (sngAlpha * (varArray(0, (i - 1)) - dblF))
          If dblF < 0 Then
             dblF = 0
          End If
          If i <> (intN + n - 1) Then
             'Calculate MSE for the current values of alpha and beta
             dblMSE1 = dblMSE1 + ((varArray(0, i) - dblF) ^ 2)
          End If
       Next
       'Calculate MSE for current Alpha
       dblMSE = (dblMSE1 / (n - 1))
       'Record the best alpha and beta so far
       If sngAlpha = 0.1 Then
          dblMSEbest = dblMSE
          sngAlphabest = sngAlpha
       End If
       If dblMSE < dblMSEbest Then
          sngAlphabest = sngAlpha
          dblMSEbest = dblMSE
       End If
    Loop
       'Once selected the best alpha calculate again the forecast and update in the Forecasts table
       dblMSE1 = 0
       dblMAPE1 = 0
       'Initialize dblF for first observation
       dblF = varArray(0, intN)
       rst3.Edit
       rst3.Fields("Forecast_SE").Value = dblF
       rst3.Update
       'Start forecast calculations for each observation for this part number
       rst3.MoveNext
        For i = (intN + 1) To (intN + n - 1)
          'Calculate the forecast
          dblF = dblF + (sngAlphabest * (varArray(0, (i - 1)) - dblF))
```

```
            If dblF < 0 Then
              dblF = 0
            End If
             'Update forecast value in Forecasts table
             rst3.Edit
             rst3.Fields("Forecast_SE").Value = dblF
             rst3.Update
             rst3.MoveNext
             If i <> (intN + n - 1) Then
                'Start cumulative values calculations for MSE and MAPE for the current values of alpha and beta
                dblMSE1 = dblMSE1 + ((varArray(0, (i)) - dblF) ^ 2)
                If varArray(0, i) <> 0 Then
                    dblMAPE1 = dblMAPE1 + ((Abs(varArray(0, i) - dblF) / varArray(0, i)) * 100)
                End If
            End If
         Next
        'Calculate MSE and MAPE for this part number with the alpha and beta selected
        dblMSE = (dblMSE1 / (n - 2))
        dblMAPE = (dblMAPE1 / (n - 2))
        'Update parameters in Forecasts_Parameters table
        rst4.Edit
        rst4.Fields("SE_Alpha").Value = sngAlphabest
        rst4.Update
        rst4.Edit
        rst4.Fields("SE_MSE").Value = dblMSE
        rst4.Update
        rst4.Edit
        rst4.Fields("SE_MAPE").Value = dblMAPE
        rst4.Update
        'Update absolute position marker
        intN = n + intN
        If intN >= rst5.RecordCount Then
           Exit Do
        End If
        If rst3.EOF = True Then
        Exit Do
        End If
   Else
   End If
   Do Until rst3.Fields("PART_NR_Equivalent") <> varPartNumber
      rst3.MoveNext
      intN = intN + 1
      If rst3.EOF = True Then
         Exit Do
      End If
   Loop
Loop
rst3.Close
rst4.Close
rst5.Close
Set rst3 = Nothing
Set rst4 = Nothing
Set rst5 = Nothing
End Sub
```

Holt-Winters Forecast

```
Public Sub Forecast_Holt_Winters()
Dim dbs As Database
Dim rst3 As DAO.Recordset
Dim rst4 As DAO.Recordset
Dim rst5 As DAO.Recordset
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
```

```
'Create variable for forecast value
Dim dblF As Double
'Create variant for calculations,this will be converted to an array further on
Dim varArray() As Variant
'Create variant to hold S values, this will be converted into an array
Dim varArray_S() As Variant
'Create variant to hold quantities per quarter, this will be converted into an array
Dim varArray4() As Variant
'Create variant to hold quantities per semester, this will be converted into an array
Dim varArray6() As Variant
'Create a bookmark for the beginning of the data for the part number evaluated
Dim varBegBookmark As Variant
'Create a bookmark for the end of the data for the part number evaluated
Dim varEndBookmark As Variant
'Create variable to hold current calculations of MSE
Dim dblMSE As Double
Dim dblMSE1 As Double
Dim dblMSE12 As Double
Dim dblMSE4 As Double
Dim dblMSE6 As Double
'Create variables to hold calculations for MAPE
Dim dblMAPE As Double
Dim dblMAPE1 As Double
Dim dblMAPE12 As Double
Dim dblMAPE4 As Double
Dim dblMAPE6 As Double
'Create variable to hold best calculations of MSE
Dim dblMSEbest As Double
'Create variable for current Alpha
Dim sngAlpha As Single
'Create variable for current Beta
Dim sngBeta As Single
'Create variable for current Gamma
Dim sngGamma As Single
'Create variable for best Gamma (internal comparison)
Dim sngGammabest As Single
'Create variable for best Gamma for 12 seasons
Dim sngGammabest12 As Single
'Create variable for best Gamma for 4 seasons
Dim sngGammabest4 As Single
'Create variable for best Gamma for 6 seasons
Dim sngGammabest6 As Single
'Create variable to hold best Alpha (internal comparison)
Dim sngAlphabest As Single
'Create variable for best Alpha for 12 seasons
Dim sngAlphabest12 As Single
'Create variable for best Alpha for 4 seasons
Dim sngAlphabest4 As Single
'Create variable for best Alpha for 6 seasons
Dim sngAlphabest6 As Single
'Create variable to hold best Beta (internal comparison)
Dim sngBetabest As Single
'Create variable for best Beta for 12 seasons
Dim sngBetabest12 As Single
'Create variable for best Beta for 4 seasons
Dim sngBetabest4 As Single
'Create variable for best Alpha for 6 seasons
Dim sngBetabest6 As Single
'Create variable to hold best Season "s"
Dim intSbest As Integer
'Create variable for previous calculation of L
Dim dblLprev As Double
'Create variable for current L
Dim dblL As Double
'Create variable for previous calculation of b
Dim dblbprev As Double
```

```
'Create variable to hold current calculation of b
Dim dblb As Double
'Create variable to hold current calculation of S
Dim dblS As Double
'Create Counter variables:
Dim intK As Integer
'Create variable n to hold the total number of records per part number
Dim n As Integer
'Create variable intN to hold the absolute position count
Dim intN As Integer
'Create several variables for counters
Dim i As Integer
Dim t As Integer
Dim x As Integer
Dim dblSum As Double
Dim m As Integer
Dim bln2 As Boolean
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)
'Open a Dynaset recordset using only the field SumOfQTY of the table Forecasts
Set rst5 = dbs.OpenRecordset("SELECT SumOfQTY FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order,
Month_of_order", dbOpenDynaset)
'Initialize absolute position counter
intN = 0
'Create Array with quantity orders for ALL  part numbers
rst5.MoveLast
rst5.MoveFirst
varArray = rst5.GetRows(rst5.RecordCount)
rst3.MoveFirst
Do While Not rst3.EOF
   'Initialize variable for this part number
   n = 0
   dblMSE = 0
   dblMSEbest = 0
   dblMAPE = 0
   sngAlphabest = 0
   sngBetabest = 0
   sngGammabest = 0
   sngGamma = 0
   sngAlpha = 0
   sngBeta = 0
   intSbest = 0
   varPartNumber = rst3.Fields("PART_NR_Equivalent")
   'Check if this part number is valid for Holts Winter
   'Confirm that is not intermittent and that has trend but no seasonality
    rst4.MoveFirst
    Do Until rst4.Fields("PART_NR_Equivalent") = varPartNumber
      rst4.MoveNext
      If rst4.EOF = True Then
         Exit Do
      End If
    Loop
   If (rst4.Fields("Intermittent") = "no") And rst4.Fields("Seasonality") = True And rst4.Fields("Trend") = True Then
      'Calculate Forecast
      'Set a bookmark for the first record for this part number
      varBegBookmark = rst3.Bookmark
      'Calculate the number of records for this part number
      Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
         n = (n + 1)
         rst3.MoveNext
         If rst3.EOF = True Then
            Exit Do
```

```
        End If
    Loop
    'Inialize array to hold the values of Seasonal component S for this part number
    ReDim varArray_S(0, rst5.RecordCount)
    'Set a bookmark for the last record of this part number
    If rst3.EOF = False Then
    varEndBookmark = rst3.Bookmark
    Else
    End If
    'Come back to the first record for this part number
    rst3.Bookmark = varBegBookmark
    '=============================================================================================

    'Calculate forecast using Holts Winter for 12 months/seasons and determine the best alpha, beta and Lambda by minimizing
MSE
    Do While sngGamma <= 1
        sngGamma = sngGamma + 0.1
        'Calculate best beta for current Lambda
        Do While sngBeta <= 1
            sngBeta = sngBeta + 0.1
            'Calculate best alpha for current beta
            Do While sngAlpha <= 1
                dblMSE1 = 0
                dblMAPE1 = 0
                sngAlpha = sngAlpha + 0.1
                'Initialize Estimate of the level of the series "L1"
                dblSum = 0
                For x = 0 To 11
                    dblSum = dblSum + varArray(0, (intN + x))
                Next
                dblLprev = (1 / 12) * dblSum
                'Initialize estimate of the slope "b1"
                dblSum = 0
                For x = 12 To 23
                    dblSum = dblSum + ((varArray(0, intN + x) - varArray(0, intN + x - 12)) / 12)
                Next
                dblbprev = (1 / 12) * dblSum
                dblSum = 0
                'Start to populate array with values of S from 1 to 12
                For x = 0 To 11
                    varArray_S(0, x + 1) = varArray(0, intN + x) / dblLprev
                Next
                'Start forecast calculations for each observation for this part number
                For i = (intN + 12) To (intN + n - 1)
                    'Calculate level of the series "L"
                    If varArray_S(0, i + 1 - intN - 12) <> 0 Then
                    dblL = (sngAlpha * varArray(0, i) / varArray_S(0, i + 1 - intN - 12)) + ((1 - sngAlpha) * (dblLprev + dblbprev))
                    Else
                    dblL = 0
                    End If
                    'Calculate the slope of the series "b"
                    dblb = (sngBeta * (dblL - dblLprev)) + ((1 - sngBeta) * dblbprev)
                    'Calculate Seasonal component and store it in the array varArray_S
                    If dblL <> 0 Then
                        varArray_S(0, i + 1 - intN) = (sngGamma * varArray(0, i) / dblL) + ((1 - sngGamma) * varArray_S(0, i + 1 - intN -
12))
                    Else
                        varArray_S(0, i + 1 - intN) = 0
                    End If
                    'Calculate the forecast
                    dblF = (dblLprev + dblbprev) * varArray_S(0, i - intN - 12 + 1)
                    If dblF < 0 Then
                        dblF = 0
                    End If
                    'Calculate MSE for the current values of alpha and beta
                    If i <> (intN + n - 1) Then
```

```
                dblMSE1 = dblMSE1 + ((varArray(0, i) - dblF) ^ 2)
            End If
            dblbprev = dblb
            dblLprev = dblL
        Next
        'Calculate MSE for current Alpha
        dblMSE = (dblMSE1 / (n - 12 - 1))
        'Record the best alpha and beta so far
        If sngAlpha = 0.1 And sngBeta = 0.1 And sngGamma = 0.1 Then
            dblMSEbest = dblMSE
            sngAlphabest = sngAlpha
            sngBetabest = sngBeta
            sngGammabest = sngGamma
        End If
        If dblMSE < dblMSEbest Then
            sngAlphabest = sngAlpha
            dblMSEbest = dblMSE
            sngBetabest = sngBeta
            sngGammabest = sngGamma
        End If
      Loop
      sngAlpha = 0
    Loop
    sngBeta = 0
  Loop
  'Once selected the best alpha, beta and lambda calculate again the forecast and update in the Forecasts table
  dblMSE1 = 0
  dblMAPE1 = 0
  'Initialize Estimate of the level of the series "L1"
  dblSum = 0
  For x = 0 To 11
    dblSum = dblSum + varArray(0, (intN + x))
  Next
  dblLprev = (1 / 12) * dblSum
  'Initialize estimate of the slope "b1"
  dblSum = 0
  For x = 12 To 23
    dblSum = dblSum + ((varArray(0, intN + x) - varArray(0, intN + x - 12)) / 12)
  Next
  dblbprev = (1 / 12) * dblSum
  dblSum = 0
  'Start to populate array with values of S from 1 to 12
  For x = 0 To 11
    varArray_S(0, x + 1) = varArray(0, intN + x) / dblLprev
  Next
   'Start forecast calculations for each observation for this part number
  For x = 1 To 12
    rst3.MoveNext
  Next
  For i = (intN + 12) To (intN + n - 1)
    'Calculate level of the series "L"
    If varArray_S(0, i + 1 - intN - 12) <> 0 Then
      dblL = (sngAlphabest * varArray(0, i) / varArray_S(0, i + 1 - intN - 12)) + ((1 - sngAlphabest) * (dblLprev + dblbprev))
    Else
      dblL = 0
    End If
    'Calculate the slope of the series "b"
    dblb = (sngBetabest * (dblL - dblLprev)) + ((1 - sngBetabest) * dblbprev)
    'Calculate Seasonal component and store it in the array varArray_S
    If dblL <> 0 Then
      varArray_S(0, i + 1 - intN) = (sngGammabest * varArray(0, i) / dblL) + ((1 - sngGammabest) * varArray_S(0, i + 1 - intN -
12))
    Else
      varArray_S(0, i + 1 - intN) = 0
    End If
    'Calculate the forecast
```

```
    dblF = (dblLprev + dblbprev) * varArray_S(0, i - intN - 12 + 1)
    If dblF < 0 Then
        dblF = 0
    End If
    'Update forecast value in Forecasts table
     rst3.Edit
     rst3.Fields("Forecast_HW12").Value = dblF
     rst3.Update
     rst3.MoveNext
    'Start cumulative values calculations for MSE and MAPE for the current values of alpha, beta, and lambda
    If i <> (intN + n - 1) Then
        dblMSE1 = dblMSE1 + ((varArray(0, i) - dblF) ^ 2)
    End If
    dblbprev = dblb
    dblLprev = dblL
    If varArray(0, i) <> 0 Then
        dblMAPE1 = dblMAPE1 + ((Abs(varArray(0, i) - dblF) / varArray(0, i)) * 100)
    End If
Next
'Calculate MSE and MAPE for this part number with the alpha, beta, and gamma selected for 12 seasons
dblMSE12 = (dblMSE1 / (n - 12 - 1))
dblMAPE12 = (dblMAPE1 / (n - 12 - 1))
sngGammabest12 = sngGammabest
sngBetabest12 = sngBetabest
sngAlphabest12 = sngAlphabest
'=============================================================================================
'Clean array for S
bln2 = False
m = 0
If Int(n / 6) <> (n / 6) Then
'There is a decimal, we have extra incomplete seasons
    Do Until Int(n / 6) = (n / 6)
        n = n - 1
        m = m + 1
    Loop
        bln2 = True
End If
Erase varArray_S
ReDim varArray_S(0, rst5.RecordCount)
'Come back to the first record for this part number
rst3.Bookmark = varBegBookmark
'Resize and populate array holding total quantities per semester
ReDim varArray6(0, (n / 6) + 1)
t = intN
For x = 1 To (n / 6)
        For i = 0 To 5
        varArray6(0, x) = varArray6(0, x) + varArray(0, t + i)
        'Update on table
        rst3.Edit
        rst3.Fields("Sem_HW6").Value = x
        rst3.Update
        Next
        t = t + 6
        rst3.Edit
        rst3.Fields("QTYSem_HW6").Value = varArray6(0, x)
        rst3.Update
        rst3.MoveNext
Next
'Update field with zero quantity for next forecast
rst3.Edit
rst3.Fields("Sem_HW6").Value = (n / 6) + 1
rst3.Update
rst3.Edit
rst3.Fields("QTYSem_HW6").Value = 0
rst3.Update
rst3.MoveNext
```

```
sngGamma = 0
sngAlpha = 0
sngBeta = 0
'Calculate forecast using Holts Winter for 6 seasons and determine the best alpha, beta and Lambda by minimizing  MSE
'Only perform calculations if there is enough data available
If ((n / 6) + 1) > 7 Then
  Do While sngGamma <= 1
    sngGamma = sngGamma + 0.1
    'Calculate best beta for current Lambda
    Do While sngBeta <= 1
       sngBeta = sngBeta + 0.1
       'Calculate best alpha for current beta
       Do While sngAlpha <= 1
          dblMSE1 = 0
          dblMAPE1 = 0
          sngAlpha = sngAlpha + 0.1
          'Initialize Estimate of the level of the series "L1"
          dblSum = 0
          For x = 1 To 6
             dblSum = dblSum + varArray6(0, (x))
          Next
          dblLprev = (1 / 6) * dblSum
          'Initialize estimate of the slope "b1"
          dblSum = 0
          If ((n / 6) + 1) >= 12 Then
             For x = 7 To 12
                dblSum = dblSum + ((varArray6(0, x) - varArray6(0, x - 6)) / 6)
             Next
          Else
             For x = 7 To ((n / 6) + 1)
                dblSum = dblSum + ((varArray6(0, x) - varArray6(0, x - 6)) / 6)
             Next
          End If
          dblbprev = (1 / 6) * dblSum
          dblSum = 0
          'Start to populate array with values of S from 1 to 6
          For x = 1 To 6
             varArray_S(0, x) = varArray6(0, x) / dblLprev
          Next
          'Start forecast calculations for each observation for this part number
          For i = 7 To (n / 6)
             'Calculate level of the series "L"
             If varArray_S(0, i - 6) <> 0 Then
                dblL = (sngAlpha * varArray6(0, i) / varArray_S(0, i - 6)) + ((1 - sngAlpha) * (dblLprev + dblbprev))
             Else
                dblL = 0
             End If
             'Calculate the slope of the series "b"
             dblb = (sngBeta * (dblL - dblLprev)) + ((1 - sngBeta) * dblbprev)
             'Calculate Seasonal component and store it in the array varArray_S
             If dblL <> 0 Then
                varArray_S(0, i) = (sngGamma * varArray6(0, i) / dblL) + ((1 - sngGamma) * varArray_S(0, i - 6))
             Else
                varArray_S(0, i) = 0
             End If
             'Calculate the forecast
             dblF = (dblLprev + dblbprev) * varArray_S(0, i - 6)
             If dblF < 0 Then
                dblF = 0
             End If
             'Calculate MSE for the current values of alpha and beta
             If i <> (n / 6) Then
                dblMSE1 = dblMSE1 + ((varArray6(0, i) - dblF) ^ 2)
             End If
             dblbprev = dblb
             dblLprev = dblL
```

```
        Next
        'Calculate MSE for current Alpha
        If ((n / 6) - 6) <> 0 Then
            dblMSE = (dblMSE1 / ((n / 6) - 6))
        Else
            dblMSE = (dblMSE1 / ((n / 6) - 5))
        End If
        'Record the best alpha and beta so far
        If sngAlpha = 0.1 And sngBeta = 0.1 And sngGamma = 0.1 Then
            dblMSEbest = dblMSE
            sngAlphabest = sngAlpha
            sngBetabest = sngBeta
            sngGammabest = sngGamma
        End If
        If dblMSE < dblMSEbest Then
            sngAlphabest = sngAlpha
            dblMSEbest = dblMSE
            sngBetabest = sngBeta
            sngGammabest = sngGamma
        End If
    Loop
    sngAlpha = 0
Loop
sngBeta = 0
Loop
'Once selected the best alpha, beta and gamma calculate again the forecast and update in the Forecasts table
dblMSE1 = 0
dblMAPE1 = 0
dblSum = 0
For x = 1 To 6
    dblSum = dblSum + varArray6(0, (x))
Next
dblLprev = (1 / 6) * dblSum
'Initialize estimate of the slope "b1"
dblSum = 0
If ((n / 6) + 1) >= 12 Then
    For x = 7 To 12
        dblSum = dblSum + ((varArray6(0, x) - varArray6(0, x - 6)) / 6)
    Next
Else
    For x = 7 To ((n / 6) + 1)
        dblSum = dblSum + ((varArray6(0, x) - varArray6(0, x - 6)) / 6)
    Next
End If
dblbprev = (1 / 6) * dblSum
dblSum = 0
'Start to populate array with values of S from 1 to 6
For x = 1 To 6
    varArray_S(0, x) = varArray6(0, x) / dblLprev
Next
'Start forecast calculations for each observation for this part number
'Come back to the first record for this part number
rst3.Bookmark = varBegBookmark
For x = 1 To 6
    rst3.MoveNext
Next
For i = 7 To ((n / 6) + 1)
    'Calculate level of the series "L"
    If varArray_S(0, i - 6) <> 0 Then
    dblL = (sngAlphabest * varArray6(0, i) / varArray_S(0, i - 6)) + ((1 - sngAlphabest) * (dblLprev + dblbprev))
    Else
    dblL = 0
    End If
    'Calculate the slope of the series "b"
    dblb = (sngBetabest * (dblL - dblLprev)) + ((1 - sngBetabest) * dblbprev)
    'Calculate Seasonal component and store it in the array varArray_S
```

```
            If dblL <> 0 Then
               varArray_S(0, i) = (sngGammabest * varArray6(0, i) / dblL) + ((1 - sngGammabest) * varArray_S(0, i - 6))
            Else
               varArray_S(0, i) = 0
            End If
            'Calculate the forecast
            dblF = (dblLprev + dblbprev) * varArray_S(0, i - 6)
            If dblF < 0 Then
               dblF = 0
            End If
            'Update forecast value in Forecasts table
             rst3.Edit
             rst3.Fields("Forecast_HW6").Value = dblF
             rst3.Update
             rst3.MoveNext
            'Start cumulative values calculations for MSE and MAPE for the current values of alpha, beta, and gamma
            If i <> ((n / 6) + 1) Then
               dblMSE1 = dblMSE1 + ((varArray6(0, i) - dblF) ^ 2)
            End If
            dblbprev = dblb
            dblLprev = dblL
            If varArray6(0, i) <> 0 Then
               dblMAPE1 = dblMAPE1 + ((Abs(varArray6(0, i) - dblF) / varArray6(0, i)) * 100)
            End If
         Next
         'Calculate MSE and MAPE for this part number with the alpha, beta, and gamma selected for 6 seasons
         If ((n / 6) - 6) <> 0 Then
            dblMSE6 = (dblMSE1 / ((n / 6) - 6))
            dblMAPE6 = (dblMAPE1 / ((n / 6) - 6))
         Else
            dblMSE6 = (dblMSE1 / ((n / 6) - 5))
            dblMAPE6 = (dblMAPE1 / ((n / 6) - 5))
         End If
         sngGammabest6 = sngGammabest
         sngBetabest6 = sngBetabest
         sngAlphabest6 = sngAlphabest
      End If
      '=============================================================================================
      'Perform same analysis per quarter
      'Clean array for S
      If bln2 = True Then
         n = n + m
      End If
      m = 0
      bln2 = False
      If Int(n / 3) <> (n / 3) Then
      'There is a decimal, we have extra incomplete seasons
         Do Until Int(n / 3) = (n / 3)
            n = n - 1
            m = m + 1
         Loop
            bln2 = True
      End If
      Erase varArray_S
      ReDim varArray_S(0, rst5.RecordCount)
      'Come back to the first record for this part number
      rst3.Bookmark = varBegBookmark
'Resize and populate array holding total quantities per Quarter
      ReDim varArray4(0, (n / 3) + 1)
      t = intN
      For x = 1 To (n / 3)
            For i = 0 To 2
            varArray4(0, x) = varArray4(0, x) + varArray(0, t + i)
            'Update on table
            rst3.Edit
            rst3.Fields("Quarter_HW4").Value = x
```

```
        rst3.Update
        Next
        t = t + 3
        rst3.Edit
        rst3.Fields("QTYQuarter_HW4").Value = varArray4(0, x)
        rst3.Update
        rst3.MoveNext
Next
'Update field with zero quantity for next forecast
rst3.Edit
rst3.Fields("Quarter_HW4").Value = (n / 3) + 1
rst3.Update
varArray4(0, ((n / 3) + 1)) = 0
rst3.Edit
rst3.Fields("QTYQuarter_HW4").Value = 0
rst3.Update
rst3.MoveNext
sngGamma = 0
sngAlpha = 0
sngBeta = 0
'Calculate forecast using Holts Winter for 6 seasons and determine the best alpha, beta and Lambda by minimizing  MSE
  Do While sngGamma <= 1
    sngGamma = sngGamma + 0.1
    'Calculate best beta for current Lambda
    Do While sngBeta <= 1
        sngBeta = sngBeta + 0.1
        'Calculate best alpha for current beta
        Do While sngAlpha <= 1
            dblMSE1 = 0
            dblMAPE1 = 0
            sngAlpha = sngAlpha + 0.1
            'Initialize Estimate of the level of the series "L1"
            dblSum = 0
            For x = 1 To 4
                dblSum = dblSum + varArray4(0, (x))
            Next
            dblLprev = (1 / 4) * dblSum
            'Initialize estimate of the slope "b1"
            dblSum = 0
            For x = 5 To 8
                dblSum = dblSum + ((varArray4(0, x) - varArray4(0, x - 4)) / 4)
            Next
            dblbprev = (1 / 4) * dblSum
            dblSum = 0
            'Start to populate array with values of S from 1 to 3
            For x = 1 To 4
                varArray_S(0, x) = varArray4(0, x) / dblLprev
            Next
            'Start forecast calculations for each observation for this part number
            For i = 5 To ((n / 3) + 1)
                'Calculate level of the series "L"
                If varArray_S(0, i - 4) <> 0 Then
                dblL = (sngAlpha * varArray4(0, i) / varArray_S(0, i - 4)) + ((1 - sngAlpha) * (dblLprev + dblbprev))
                Else
                dblL = 0
                End If
                'Calculate the slope of the series "b"
                dblb = (sngBeta * (dblL - dblLprev)) + ((1 - sngBeta) * dblbprev)
                'Calculate Seasonal component and store it in the array varArray_S
                If dblL <> 0 Then
                    varArray_S(0, i) = (sngGamma * varArray4(0, i) / dblL) + ((1 - sngGamma) * varArray_S(0, i - 4))
                Else
                    varArray_S(0, i) = 0
                End If
                'Calculate the forecast
                dblF = (dblLprev + dblbprev) * varArray_S(0, i - 4)
```

```
            If dblF < 0 Then
               dblF = 0
            End If
            'Calculate MSE for the current values of alpha and beta
            If i <> ((n / 3) + 1) Then
               dblMSE1 = dblMSE1 + ((varArray4(0, i) - dblF) ^ 2)
            End If
            dblbprev = dblb
            dblLprev = dblL
         Next
         'Calculate MSE for current Alpha
         dblMSE = (dblMSE1 / ((n / 3) - 4))
         'Record the best alpha and beta so far
         If sngAlpha = 0.1 And sngBeta = 0.1 And sngGamma = 0.1 Then
            dblMSEbest = dblMSE
            sngAlphabest = sngAlpha
            sngBetabest = sngBeta
            sngGammabest = sngGamma
         End If
         If dblMSE < dblMSEbest Then
            sngAlphabest = sngAlpha
            dblMSEbest = dblMSE
            sngBetabest = sngBeta
            sngGammabest = sngGamma
         End If
      Loop
      sngAlpha = 0
   Loop
   sngBeta = 0
Loop
'Once selected the best alpha, beta and lambda calculate again the forecast and update in the Forecasts table
dblMSE1 = 0
dblMAPE1 = 0
dblSum = 0
For x = 1 To 4
   dblSum = dblSum + varArray4(0, (x))
Next
dblLprev = (1 / 4) * dblSum
'Initialize estimate of the slope "b1"
dblSum = 0
For x = 5 To 8
   dblSum = dblSum + ((varArray4(0, x) - varArray4(0, x - 4)) / 4)
Next
dblbprev = (1 / 4) * dblSum
dblSum = 0
'Start to populate array with values of S from 1 to 6
For x = 1 To 4
   varArray_S(0, x) = varArray4(0, x) / dblLprev
Next
'Start forecast calculations for each observation for this part number
'Come back to the first record for this part number
rst3.Bookmark = varBegBookmark
For x = 1 To 4
   rst3.MoveNext
Next
For i = 5 To ((n / 3) + 1)
   'Calculate level of the series "L"
   If varArray_S(0, i - 4) <> 0 Then
   dblL = (sngAlphabest * varArray4(0, i) / varArray_S(0, i - 4)) + ((1 - sngAlphabest) * (dblLprev + dblbprev))
   Else
   dblL = 0
   End If
   'Calculate the slope of the series "b"
   dblb = (sngBetabest * (dblL - dblLprev)) + ((1 - sngBetabest) * dblbprev)
   'Calculate Seasonal component and store it in the array varArray_S
   If dblL <> 0 Then
```

```
        varArray_S(0, i) = (sngGammabest * varArray4(0, i) / dblL) + ((1 - sngGammabest) * varArray_S(0, i - 4))
    Else
        varArray_S(0, i) = 0
    End If
    'Calculate the forecast
    dblF = (dblLprev + dblbprev) * varArray_S(0, i - 4)
    If dblF < 0 Then
        dblF = 0
    End If
    'Update forecast value in Forecasts table
     rst3.Edit
     rst3.Fields("Forecast_HW4").Value = dblF
     rst3.Update
     rst3.MoveNext
    'Start cumulative values calculations for MSE and MAPE for the current values of alpha, beta, and lambda
    If i <> ((n / 3) + 1) Then
        dblMSE1 = dblMSE1 + ((varArray4(0, i) - dblF) ^ 2)
    End If
    dblbprev = dblb
    dblLprev = dblL
    If varArray4(0, i) <> 0 Then
        dblMAPE1 = dblMAPE1 + ((Abs(varArray4(0, i) - dblF) / varArray4(0, i)) * 100)
    End If
Next
'Calculate MSE and MAPE for this part number with the alpha, beta, and gamma selected for quarters
dblMSE4 = (dblMSE1 / ((n / 3) - 4))
dblMAPE4 = (dblMAPE1 / ((n / 3) - 4))
sngGammabest4 = sngGammabest
sngBetabest4 = sngBetabest
sngAlphabest4 = sngAlphabest

 ' ================================================================================================
    'Update parameters in Forecasts_Parameters table
    If dblMSE12 < dblMSE4 And dblMSE12 < dblMSE6 Then
        rst4.Edit
        rst4.Fields("HW_Alpha").Value = sngAlphabest12
        rst4.Update
        rst4.Edit
        rst4.Fields("HW_Beta").Value = sngBetabest12
        rst4.Update
        rst4.Edit
        rst4.Fields("HW_Gamma").Value = sngGammabest12
        rst4.Update
        rst4.Edit
        rst4.Fields("HW_s").Value = 12
        rst4.Update
        rst4.Edit
        rst4.Fields("HW_MSE").Value = dblMSE12
        rst4.Update
        rst4.Edit
        rst4.Fields("HW_MAPE").Value = dblMAPE12
        rst4.Update
    Else
        If dblMSE6 < dblMSE4 Then
            rst4.Edit
            rst4.Fields("HW_Alpha").Value = sngAlphabest6
            rst4.Update
            rst4.Edit
            rst4.Fields("HW_Beta").Value = sngBetabest6
            rst4.Update
            rst4.Edit
            rst4.Fields("HW_Gamma").Value = sngGammabest6
            rst4.Update
            rst4.Edit
            rst4.Fields("HW_s").Value = 6
            rst4.Update
```

```
                rst4.Edit
                rst4.Fields("HW_MSE").Value = dblMSE6
                rst4.Update
                rst4.Edit
                rst4.Fields("HW_MAPE").Value = dblMAPE6
                rst4.Update
            Else
                rst4.Edit
                rst4.Fields("HW_Alpha").Value = sngAlphabest4
                rst4.Update
                rst4.Edit
                rst4.Fields("HW_Beta").Value = sngBetabest4
                rst4.Update
                rst4.Edit
                rst4.Fields("HW_Gamma").Value = sngGammabest4
                rst4.Update
                rst4.Edit
                rst4.Fields("HW_s").Value = 4
                rst4.Update
                rst4.Edit
                rst4.Fields("HW_MSE").Value = dblMSE4
                rst4.Update
                rst4.Edit
                rst4.Fields("HW_MAPE").Value = dblMAPE4
                rst4.Update
            End If
        End If
        'Update absolute position marker
        If bln2 = True Then
            n = n + m
        End If
        intN = n + intN
        If intN >= rst5.RecordCount Then
            Exit Do
        End If
        If rst3.EOF = True Then
        Exit Do
        End If
        Do Until rst3.Fields("PART_NR_Equivalent") <> varPartNumber
            rst3.MoveNext
            If rst3.EOF = True Then
                Exit Do
            End If
        Loop
    Else
        Do Until rst3.Fields("PART_NR_Equivalent") <> varPartNumber
            intN = intN + 1
            rst3.MoveNext
            If rst3.EOF = True Then
                Exit Do
            End If
        Loop
    End If
    'Clean up arrays for next part number
    Erase varArray_S
    Erase varArray4
    Erase varArray6
Loop
rst3.Close
rst4.Close
rst5.Close
Set rst3 = Nothing
Set rst4 = Nothing
Set rst5 = Nothing
End Sub
```

Linear Regression for Deseasonalized Data Forecast

```
Public Sub Forecast_Linear_Reg_Deseasonalized()
Dim dbs As Database
Dim rst3 As DAO.Recordset
Dim rst4 As DAO.Recordset
Dim rst5 As DAO.Recordset
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
'Create variable for forecast value
Dim dblF As Double
'Create variant for calculations,this will be converted to an array further on
Dim varArray() As Variant
'Create variant to hold quantities per quarter, this will be converted into an array
Dim varArray4() As Variant
'Create variant to hold quantities per semester, this will be converted into an array
Dim varArray6() As Variant
'Create a bookmark for the beginning of the data for the part number evaluated
Dim varBegBookmark As Variant
'Create a bookmark for the end of the data for the part number evaluated
Dim varEndBookmark As Variant
'Create variable to hold current calculations of MSE
Dim dblMSE As Double
Dim dblMSE1 As Double
Dim dblMSE12 As Double
Dim dblMSE4 As Double
Dim dblMSE6 As Double
'Create variables to hold calculations for MAPE
Dim dblMAPE As Double
Dim dblMAPE1 As Double
Dim dblMAPE12 As Double
Dim dblMAPE4 As Double
Dim dblMAPE6 As Double
'Create variable for the calculated value of a for 12 seasons
Dim a12 As Double
'Create variable for the calculated value of a for 6 seasons
Dim a6 As Double
'Create variable for the calculated value of a for 4 seasons
Dim a4 As Double
'Create variable for the calculated value of b for 12 seasons
Dim b12 As Double
'Create variable for the calculated value of b for 6 seasons
Dim b6 As Double
'Create variable for the calculated value of b for 4 seasons
Dim b4 As Double
'Create variant array to hold seasonal indexes
Dim varArrayIndex() As Variant
'Create variant array to hold deseasonalized quantities ordered
Dim varArrayDe() As Variant
'Create variables for calculations of a and b
Dim SumX2 As Double
Dim SumY As Double
Dim SumX As Double
Dim SumXY As Double
'Create Counter variables:
Dim intK As Integer
'Create variable n to hold the total number of records per part number
Dim n As Integer
'Create variable intN to hold the absolute position count
Dim intN As Integer
'Create several variables for counters
Dim i As Integer
Dim t As Integer
Dim x As Integer
Dim SI As Integer
```

```
Dim bln2 As Boolean
Dim bln1 As Boolean
Dim m As Integer
'Create variable to hold annual total sales
Dim dblSum As Double
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)
'Open a Dynaset recordset using only the field SumOfQTY of the table Forecasts
Set rst5 = dbs.OpenRecordset("SELECT SumOfQTY FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order,
Month_of_order", dbOpenDynaset)
'Initialize absolute position counter
intN = 0
'Create Arrays with quantity orders for ALL  part numbers
rst5.MoveLast
rst5.MoveFirst
'for raw data
varArray = rst5.GetRows(rst5.RecordCount)
rst3.MoveFirst
Do While Not rst3.EOF
   'Initialize variable for this part number
   dblSum = 0
   n = 0
   dblMSE = 0
   dblMAPE = 0
   SumX2 = 0
   SumY = 0
   SumX = 0
   SumXY = 0
   varPartNumber = rst3.Fields("PART_NR_Equivalent")
   'for data that will be deseasonalized
   ReDim varArrayDe(0, rst5.RecordCount + 1)
   For i = 0 To (rst5.RecordCount - 1)
      varArrayDe(0, i) = varArray(0, i)
   Next
'Check if this part number is valid for Linear Regression Deseasonalized
   'Confirm that is not intermittent and that has seasonality but no trend
   rst4.MoveFirst
    Do Until rst4.Fields("PART_NR_Equivalent") = varPartNumber
      rst4.MoveNext
      If rst4.EOF = True Then
         Exit Do
      End If
    Loop
   If (rst4.Fields("Intermittent") = "no") And rst4.Fields("Seasonality") = True And rst4.Fields("Trend") = False Then
      'Calculate Forecast
      'Set a bookmark for the first record for this part number
      varBegBookmark = rst3.Bookmark
      'Calculate the number of records for this part number
      Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
         n = (n + 1)
         rst3.MoveNext
         If rst3.EOF = True Then
            Exit Do
         End If
      Loop
      'Eliminate last record, because the last record in this case if for the next forecast
      n = n - 1
      'Inialize array to hold the values of Seasonal Index for this part number
      ReDim varArrayIndex(0, 12)
      'Determine if we need to eliminate the last observation from the calculations (eliminate incomplete seasons)
      If Int(n / 12) <> (n / 12) Then
         'There is a decimal, we have extra incomplete seasons
```

```
        Do Until Int(n / 12) = (n / 12)
            n = n - 1
            m = m + 1
            'm is the internal counter that will let us know how many months were eliminated so we can add them back when it is time
to forecast
        Loop
            bln2 = True
    End If
    'Set a bookmark for the last record of this part number
    If rst3.EOF = False Then
    varEndBookmark = rst3.Bookmark
    Else
    End If
   'Come back to the first record for this part number
    rst3.Bookmark = varBegBookmark
    'Calculate Total sales for this part number
    For i = 1 To n
        dblSum = dblSum + rst3.Fields("SUMOfQTY").Value
        rst3.MoveNext
    Next
    'Come back to the first record for this part number
    rst3.Bookmark = varBegBookmark
    '=============================================================================================

    'Calculate forecast using Linear Regresion Deseasonalized for 12 seasons
    dblMSE1 = 0
    dblMAPE1 = 0
    x = n / 12
    For SI = 1 To 12
        For i = 0 To (x - 1)
            varArrayIndex(0, SI) = varArrayIndex(0, SI) + varArray(0, (intN - 1 + (i * 12) + SI))
        Next
        varArrayIndex(0, SI) = (varArrayIndex(0, SI) / x) / (dblSum / 12)
    Next
    'Deseasonalize data
    SI = 0
    For i = 1 To n
        If varArrayIndex(0, i - (12 * SI)) <> 0 Then
            varArrayDe(0, i + intN) = varArray(0, i + intN - 1) / varArrayIndex(0, i - (12 * SI))
        Else
            varArrayDe(0, i + intN) = 0
        End If
        If Int(i / 12) = (i / 12) Then
        SI = SI + 1
        End If
    Next
    'Start calculations for a
    For i = 1 To n
        SumX2 = SumX2 + (i ^ 2)
        SumX = SumX + i
        SumY = SumY + varArrayDe(0, i + intN)
        SumXY = SumXY + (varArrayDe(0, i + intN) * i)
    Next
    a12 = ((SumX2 * SumY) - (SumX * SumXY)) / ((n * SumX2) - (SumX ^ 2))
    'Calculate b
    b12 = ((n * SumXY) - (SumX * SumY)) / ((n * SumX2) - (SumX ^ 2))
    'Calculate and update forecast
    SI = 0
    If bln2 = True Then
        n = n + m
    End If
    'Add 1 to n to forecast for the next period
    n = n + 1
    For i = 1 To n
        dblF = a12 + (b12 * i)
        If dblF < 0 Then
```

```
        dblF = 0
    End If
    'Apply season to forecast
    dblF = dblF * varArrayIndex(0, i - (12 * SI))
    If Int(i / 12) = (i / 12) Then
        SI = SI + 1
    End If
    rst3.Edit
    rst3.Fields("Forecast_LRD12").Value = dblF
    rst3.Update
    rst3.MoveNext
    If i <> n Then
        dblMSE1 = dblMSE1 + ((varArray(0, i + intN - 1) - dblF) ^ 2)
        If varArray(0, i + intN - 1) <> 0 Then
            dblMAPE1 = dblMAPE1 + ((Abs(varArray(0, i + intN - 1) - dblF) / varArray(0, i + intN - 1)) * 100)
        End If
    End If
Next
'Calculate MSE
dblMSE12 = (dblMSE1 / (n - 1))
dblMAPE12 = (dblMAPE1 / (n - 1))
 '=============================================================================================
'Clean array for Index
bln2 = False
m = 0
If Int(n / 6) <> (n / 6) Then
'There is a decimal, we have extra incomplete seasons
    Do Until Int(n / 6) = (n / 6)
        n = n - 1
        m = m + 1
    Loop
        bln2 = True
End If
Erase varArrayIndex
ReDim varArrayIndex(0, 2)
'Come back to the first record for this part number
rst3.Bookmark = varBegBookmark

'Resize and populate array holding total quantities per semester
ReDim varArray6(0, (n / 6) + 2)
t = intN
'Clean the contents and resize varArrayDe
Erase varArrayDe
ReDim varArrayDe(0, (n / 6) + 2)
For x = 1 To (n / 6)
        For i = 0 To 5
        varArray6(0, x) = varArray6(0, x) + varArray(0, t + i)
        varArrayDe(0, x) = varArray6(0, x)
        'Update on table
        rst3.Edit
        rst3.Fields("Sem_LRD6").Value = x
        rst3.Update
        Next
        t = t + 6
        rst3.Edit
        rst3.Fields("QTYSem_LRD6").Value = varArray6(0, x)
        rst3.Update
        rst3.MoveNext
Next
'Update field with zero quantity for next forecast
rst3.Edit
rst3.Fields("Sem_LRD6").Value = (n / 6) + 1
rst3.Update
varArray6(0, ((n / 6) + 1)) = 0
varArrayDe(0, ((n / 6) + 1)) = 0
rst3.Edit
```

```
rst3.Fields("QTYSem_LRD6").Value = 0
rst3.Update
rst3.MoveNext
'Initialize cummulative variables
dblMSE1 = 0
dblMAPE1 = 0
SumX2 = 0
SumX = 0
SumY = 0
SumXY = 0
x = n / 6
For SI = 1 To 2
   For i = 0 To ((x / 2) - 1)
      varArrayIndex(0, SI) = varArrayIndex(0, SI) + varArray6(0, ((i * 2) + SI))
   Next
   varArrayIndex(0, SI) = (varArrayIndex(0, SI) / (x / 2)) / (dblSum / 12)
Next
'Deseasonalize data
SI = 0
For i = 1 To (n / 6)
   If Int(i / 2) = (i / 2) Then
      SI = 2
   Else
      SI = 1
   End If
   If varArrayIndex(0, SI) <> 0 Then
      varArrayDe(0, i) = varArrayDe(0, i) / varArrayIndex(0, SI)
   Else
      varArrayDe(0, i) = 0
   End If
Next
'Start calculations for a
For i = 1 To (n / 6)
   SumX2 = SumX2 + (i ^ 2)
   SumX = SumX + i
   SumY = SumY + varArrayDe(0, i)
   SumXY = SumXY + (varArrayDe(0, i) * i)
Next
a6 = ((SumX2 * SumY) - (SumX * SumXY)) / (((n / 6) * SumX2) - (SumX ^ 2))
'Calculate b
b6 = (((n / 6) * SumXY) - (SumX * SumY)) / (((n / 6) * SumX2) - (SumX ^ 2))
'Move back to the first observation for this part number
rst3.Bookmark = varBegBookmark
'Calculate and update forecast
SI = 0
For i = 1 To ((n / 6) + 1)
   dblF = a6 + (b6 * i)
   If dblF < 0 Then
      dblF = 0
   End If
   'Apply season to forecast
   If Int(i / 2) = (i / 2) Then
      SI = 2
   Else
      SI = 1
   End If
   dblF = dblF * varArrayIndex(0, SI)
   rst3.Edit
   rst3.Fields("Forecast_LRD6").Value = dblF
   rst3.Update
   rst3.MoveNext
   If i <> ((n / 6) + 1) Then
   dblMSE1 = dblMSE1 + ((varArray6(0, i) - dblF) ^ 2)
      If varArray6(0, i) <> 0 Then
         dblMAPE1 = dblMAPE1 + ((Abs(varArray6(0, i) - dblF) / varArray6(0, i)) * 100)
      End If
```

```
    End If
  Next
  'Calculate MSE
  dblMSE6 = (dblMSE1 / (n / 6))
  dblMAPE6 = (dblMAPE1 / (n / 6))

  ' ================================================================================
  If bln2 = True Then
     n = n + m
  End If
  m = 0
  bln2 = False
  If Int(n / 3) <> (n / 3) Then
  'There is a decimal, we have extra incomplete seasons
     Do Until Int(n / 3) = (n / 3)
        n = n - 1
        m = m + 1
     Loop
        bln2 = True
  End If
 'Clean array for Index
  Erase varArrayIndex
  ReDim varArrayIndex(0, 5)
 'Come back to the first record for this part number
  rst3.Bookmark = varBegBookmark
  'Clean the contents and resize varArrayDe
  Erase varArrayDe
  ReDim varArrayDe(0, (n / 3) + 2)
  'Resize and populate array holding total quantities per Quarter
  ReDim varArray4(0, (n / 3) + 2)
  t = intN
  For x = 1 To (n / 3)
        For i = 0 To 2
        varArray4(0, x) = varArray4(0, x) + varArray(0, t + i)
        varArrayDe(0, x) = varArray4(0, x)
        'Update on table
        rst3.Edit
        rst3.Fields("Quarter_LRD4").Value = x
        rst3.Update
        Next
        t = t + 3
        rst3.Edit
        rst3.Fields("QTYQuarter_LRD4").Value = varArray4(0, x)
        rst3.Update
        rst3.MoveNext
  Next
  'Update field with zero quantity for next forecast
  rst3.Edit
  rst3.Fields("Quarter_LRD4").Value = (n / 3) + 1
  rst3.Update
  varArray4(0, ((n / 3) + 1)) = 0
  varArrayDe(0, ((n / 3) + 1)) = 0
  rst3.Edit
  rst3.Fields("QTYQuarter_LRD4").Value = 0
  rst3.Update
  rst3.MoveNext
  'Initialize cummulative variables
  dblMSE1 = 0
  dblMAPE1 = 0
  SumX2 = 0
  SumX = 0
  SumY = 0
  SumXY = 0
  x = n / 3
  For SI = 1 To 4
     For i = 0 To ((x / 4) - 1)
```

```
        varArrayIndex(0, SI) = varArrayIndex(0, SI) + varArray4(0, ((i * 4) + SI))
    Next
    varArrayIndex(0, SI) = (varArrayIndex(0, SI) / (x / 4)) / (dblSum / 12)
Next
'Come back to the first record for this part number
rst3.Bookmark = varBegBookmark
'Deseasonalize data
SI = 1
For i = 1 To (n / 3)
    If varArrayIndex(0, SI) <> 0 Then
        varArrayDe(0, i) = varArrayDe(0, i) / varArrayIndex(0, SI)
    Else
        varArrayDe(0, i) = 0
    End If
    SI = SI + 1
    If SI = 5 Then
        SI = 1
    End If
Next
'Start calculations for a
For i = 1 To (n / 3)
    SumX2 = SumX2 + (i ^ 2)
    SumX = SumX + i
    SumY = SumY + varArrayDe(0, i)
    SumXY = SumXY + (varArrayDe(0, i) * i)
Next
a4 = ((SumX2 * SumY) - (SumX * SumXY)) / (((n / 3) * SumX2) - (SumX ^ 2))
'Calculate b
b4 = (((n / 3) * SumXY) - (SumX * SumY)) / (((n / 3) * SumX2) - (SumX ^ 2))
'Calculate and update forecast
SI = 1
For i = 1 To ((n / 3) + 1)
    dblF = a4 + (b4 * i)
    If dblF < 0 Then
        dblF = 0
    End If
    'Apply season to forecast
    dblF = dblF * varArrayIndex(0, SI)
    SI = SI + 1
    If SI = 5 Then
        SI = 1
    End If
    rst3.Edit
    rst3.Fields("Forecast_LRD4").Value = dblF
    rst3.Update
    rst3.MoveNext
    If i <> ((n / 3) + 1) Then
    dblMSE1 = dblMSE1 + ((varArray4(0, i) - dblF) ^ 2)
        If varArray4(0, i) <> 0 Then
            dblMAPE1 = dblMAPE1 + ((Abs(varArray4(0, i) - dblF) / varArray4(0, i)) * 100)
        End If
    End If
Next
'Calculate MSE
dblMSE4 = (dblMSE1 / (n / 3))
dblMAPE4 = (dblMAPE1 / (n / 3))
bln2 = False
m = 0
 ' ================================================================================================
    'Update parameters in Forecasts_Parameters table
    If dblMSE12 < dblMSE4 And dblMSE12 < dblMSE6 Then
        rst4.Edit
        rst4.Fields("LRD_s").Value = 12
        rst4.Update
        rst4.Edit
        rst4.Fields("LRD_a").Value = a12
```

```
            rst4.Update
            rst4.Edit
            rst4.Fields("LRD_b").Value = b12
            rst4.Update
            rst4.Edit
            rst4.Fields("LRD_MSE").Value = dblMSE12
            rst4.Update
            rst4.Edit
            rst4.Fields("LRD_MAPE").Value = dblMAPE12
            rst4.Update
         Else
            If dblMSE6 < dblMSE4 Then
               rst4.Edit
               rst4.Fields("LRD_a").Value = a6
               rst4.Update
               rst4.Edit
               rst4.Fields("LRD_b").Value = b6
               rst4.Update
               rst4.Edit
               rst4.Fields("LRD_s").Value = 6
               rst4.Update
               rst4.Edit
               rst4.Fields("LRD_MSE").Value = dblMSE6
               rst4.Update
               rst4.Edit
               rst4.Fields("LRD_MAPE").Value = dblMAPE6
               rst4.Update
            Else
               rst4.Edit
               rst4.Fields("LRD_a").Value = a4
               rst4.Update
               rst4.Edit
               rst4.Fields("LRD_b").Value = b4
               rst4.Update
               rst4.Edit
               rst4.Fields("LRD_s").Value = 4
               rst4.Update
               rst4.Edit
               rst4.Fields("LRD_MSE").Value = dblMSE4
               rst4.Update
               rst4.Edit
               rst4.Fields("LRD_MAPE").Value = dblMAPE4
               rst4.Update
            End If
         End If
         'Come back to the first record for this part number
         rst3.Bookmark = varBegBookmark
   Else
   End If
   Do Until rst3.Fields("PART_NR_Equivalent") <> varPartNumber
      intN = intN + 1
      rst3.MoveNext
            If rst3.EOF = True Then
         Exit Do
      End If
   Loop
   'Clean up arrays for next part number
   Erase varArray4
   Erase varArray6
Loop
rst3.Close
rst4.Close
rst5.Close
Set rst3 = Nothing
Set rst4 = Nothing
Set rst5 = Nothing
```

```
End Sub
```

Croston Forecast

```
Public Sub Forecast_Croston()
Dim dbs As Database
Dim rst3 As DAO.Recordset
Dim rst4 As DAO.Recordset
Dim rst5 As DAO.Recordset
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
'Create variable for forecast value
Dim dblF As Double
'Create variant for calculations,this will be converted to an array further on
Dim varArray() As Variant
'Create a bookmark for the beginning of the data for the part number evaluated
Dim varBegBookmark As Variant
'Create a bookmark for the end of the data for the part number evaluated
Dim varEndBookmark As Variant
'Create variable to hold current calculations of MSE
Dim dblMSE As Double
Dim dblMSE1 As Double
'Create variables to hold calculations for MAPE
Dim dblMAPE As Double
Dim dblMAPE1 As Double
'Create variables for Croston method
Dim dblZ As Double
Dim dblZprev As Double
Dim dblP As Double
Dim dblPprev As Double
Dim intq As Integer
'Create variable to hold best calculations of MSE
Dim dblMSEbest As Double
'Create variable for current Alpha
Dim sngAlpha As Single
'Create variable to hold best Alpha
Dim sngAlphabest As Single
'Create Counter variables:
Dim intK As Integer
'Create variable n to hold the total number of records per part number
Dim n As Integer
'Create variable intN to hold the absolute position count
Dim intN As Integer
'Create several variables for counters
Dim i As Integer
Dim t As Integer
Dim x As Integer
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)
'Open a Dynaset recordset using only the field SumOfQTY of the table Forecasts
Set rst5 = dbs.OpenRecordset("SELECT SumOfQTY FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order,
Month_of_order", dbOpenDynaset)
'Initialize absolute position counter
intN = 0
'Create Array with quantity orders for ALL  part numbers
rst5.MoveLast
rst5.MoveFirst
varArray = rst5.GetRows(rst5.RecordCount)
rst3.MoveFirst
Do While Not rst3.EOF
```

```
'Initialize variable for this part number
n = 0
dblMSE = 0
dblMSEbest = 0
dblMAPE = 0
sngAlphabest = 0
sngAlpha = 0
varPartNumber = rst3.Fields("PART_NR_Equivalent")
dblP = 1
intq = 1
'Check if this part number is valid for Croston
'Confirm that is intermittent
 rst4.MoveFirst
 Do Until rst4.Fields("PART_NR_Equivalent") = varPartNumber
    rst4.MoveNext
    If rst4.EOF = True Then
       Exit Do
    End If
 Loop
If (rst4.Fields("Intermittent") = "yes") Then
    'Calculate Forecast
    'Set a bookmark for the first record for this part number
    varBegBookmark = rst3.Bookmark
    'Calculate the number of records for this part number
    Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
       n = (n + 1)
       rst3.MoveNext
       If rst3.EOF = True Then
          Exit Do
       End If
    Loop
    'Set a bookmark for the last record of this part number
    If rst3.EOF = False Then
    varEndBookmark = rst3.Bookmark
    Else
    End If
    'Come back to the first record for this part number
    rst3.Bookmark = varBegBookmark
    'Calculate forecast using Croston method and determine the best alpha by minimizing MSE
    'Calculate best alpha
    Do While sngAlpha <= 1
       dblMSE1 = 0
       dblMAPE1 = 0
       sngAlpha = sngAlpha + 0.1
       dblP = 1
       intq = 1
       'Start forecast calculations for each observation for this part number
       'Initialize dblF
       dblZ = varArray(0, intN)
       dblF = dblZ / dblP
       For i = (intN + 1) To (intN + n - 1)
          'Calculate the forecast
          If varArray(0, (i - 1)) = 0 Then
             intq = intq + 1
             dblF = dblZ / dblP
          Else
             dblZ = dblZ + (sngAlpha * (varArray(0, (i - 1)) - dblZ))
             dblP = dblP + (sngAlpha * (intq - dblP))
             intq = 1
             dblF = dblZ / dblP
          End If
          If dblF < 0 Then
             dblF = 0
          End If
          'Calculate MSE for the current values of alpha and beta, exclude last forecast
          If i <> (intN + n - 1) Then
```

```
            dblMSE1 = dblMSE1 + ((varArray(0, i) - dblF) ^ 2)
        End If
    Next
    'Calculate MSE for current Alpha
    dblMSE = (dblMSE1 / (n - 1))
    'Record the best alpha and beta so far
    If sngAlpha = 0.1 Then
        dblMSEbest = dblMSE
        sngAlphabest = sngAlpha
    End If
    If dblMSE < dblMSEbest Then
        sngAlphabest = sngAlpha
        dblMSEbest = dblMSE
    End If
Loop
    'Once selected the best alpha calculate again the forecast and update in the Forecasts table
    dblMSE1 = 0
    dblMAPE1 = 0
    'Initialize dblF for first observation
    dblP = 1
    intq = 1
    dblZ = varArray(0, intN)
    dblF = dblZ / dblP
    rst3.Edit
    rst3.Fields("Forecast_CR").Value = dblF
    rst3.Update
    'Start forecast calculations for each observation for this part number
    rst3.MoveNext
     For i = (intN + 1) To (intN + n - 1)
        'Calculate the forecast
        'Calculate the forecast
        If varArray(0, (i - 1)) = 0 Then
            intq = intq + 1
            dblF = dblZ / dblP
        Else
            dblZ = dblZ + (sngAlphabest * (varArray(0, (i - 1)) - dblZ))
            dblP = dblP + (sngAlphabest * (intq - dblP))
            intq = 1
            dblF = dblZ / dblP
        End If
        If dblF < 0 Then
          dblF = 0
        End If
         'Update forecast value in Forecasts table
         rst3.Edit
         rst3.Fields("Forecast_CR").Value = dblF
         rst3.Update
         rst3.MoveNext
         'Start cumulative values calculations for MSE and MAPE for the current values of alpha and beta
         If i <> (intN + n - 1) Then
            dblMSE1 = dblMSE1 + ((varArray(0, i) - dblF) ^ 2)
            If varArray(0, i) <> 0 Then
                dblMAPE1 = dblMAPE1 + ((Abs(varArray(0, i) - dblF) / varArray(0, i)) * 100)
            End If
         End If
     Next
    'Calculate MSE and MAPE for this part number with the alpha and beta selected
    dblMSE = (dblMSE1 / (n - 1))
    dblMAPE = (dblMAPE1 / (n - 1))
    'Update parameters in Forecasts_Parameters table
    rst4.Edit
    rst4.Fields("CR_Alpha").Value = sngAlphabest
    rst4.Update
    rst4.Edit
    rst4.Fields("CR_MSE").Value = dblMSE
    rst4.Update
```

```
        rst4.Edit
        rst4.Fields("CR_MAPE").Value = dblMAPE
        rst4.Update
        'Update absolute position marker
        intN = n + intN
        If intN >= rst5.RecordCount Then
           Exit Do
        End If
        If rst3.EOF = True Then
        Exit Do
        End If
   Else
   End If
   Do Until rst3.Fields("PART_NR_Equivalent") <> varPartNumber
      rst3.MoveNext
      intN = intN + 1
      If rst3.EOF = True Then
         Exit Do
      End If
   Loop
Loop
rst3.Close
rst4.Close
rst5.Close
Set rst3 = Nothing
Set rst4 = Nothing
Set rst5 = Nothing
End Sub
```

Approximation to Croston Forecast

```
Public Sub Forecast_Approx_Croston()
Dim dbs As Database
Dim rst3 As DAO.Recordset
Dim rst4 As DAO.Recordset
Dim rst5 As DAO.Recordset
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
'Create variable for forecast value
Dim dblF As Double
'Create variant for calculations,this will be converted to an array further on
Dim varArray() As Variant
'Create a bookmark for the beginning of the data for the part number evaluated
Dim varBegBookmark As Variant
'Create a bookmark for the end of the data for the part number evaluated
Dim varEndBookmark As Variant
'Create variable to hold current calculations of MSE
Dim dblMSE As Double
Dim dblMSE1 As Double
'Create variables to hold calculations for MAPE
Dim dblMAPE As Double
Dim dblMAPE1 As Double
'Create variables for Croston method
Dim dblZ As Double
Dim dblZprev As Double
Dim dblP As Double
Dim dblPprev As Double
Dim intq As Integer
'Create variable to hold best calculations of MSE
Dim dblMSEbest As Double
'Create variable for current Alpha
Dim sngAlpha As Single
'Create variable to hold best Alpha
Dim sngAlphabest As Single
'Create Counter variables:
```

```
Dim intK As Integer
'Create variable n to hold the total number of records per part number
Dim n As Integer
'Create variable intN to hold the absolute position count
Dim intN As Integer
'Create several variables for counters
Dim i As Integer
Dim t As Integer
Dim x As Integer
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)
'Open a Dynaset recordset using only the field SumOfQTY of the table Forecasts
Set rst5 = dbs.OpenRecordset("SELECT SumOfQTY FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order,
Month_of_order", dbOpenDynaset)
'Initialize absolute position counter
intN = 0
'Create Array with quantity orders for ALL  part numbers
rst5.MoveLast
rst5.MoveFirst
varArray = rst5.GetRows(rst5.RecordCount)
rst3.MoveFirst
Do While Not rst3.EOF
   'Initialize variable for this part number
   n = 0
   dblMSE = 0
   dblMSEbest = 0
   dblMAPE = 0
   sngAlphabest = 0
   sngAlpha = 0
   varPartNumber = rst3.Fields("PART_NR_Equivalent")
   dblP = 1
   intq = 1
   'Check if this part number is valid for the approximation to Croston
   'Confirm that is intermittent
    rst4.MoveFirst
    Do Until rst4.Fields("PART_NR_Equivalent") = varPartNumber
      rst4.MoveNext
      If rst4.EOF = True Then
         Exit Do
      End If
    Loop
   If (rst4.Fields("Intermittent") = "yes") Then
      'Calculate Forecast
      'Set a bookmark for the first record for this part number
      varBegBookmark = rst3.Bookmark
      'Calculate the number of records for this part number
      Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
         n = (n + 1)
         rst3.MoveNext
         If rst3.EOF = True Then
            Exit Do
         End If
      Loop
      'Set a bookmark for the last record of this part number
      If rst3.EOF = False Then
      varEndBookmark = rst3.Bookmark
      Else
      End If
      'Come back to the first record for this part number
      rst3.Bookmark = varBegBookmark
      'Calculate forecast using the approximation to Croston method and determine the best alpha by minimizing MSE
      'Calculate best alpha
```

```
Do While sngAlpha <= 1
   dblMSE1 = 0
   dblMAPE1 = 0
   sngAlpha = sngAlpha + 0.1
   dblP = 1
   intq = 1
   'Start forecast calculations for each observation for this part number
   'Initialize dblF
   dblZ = varArray(0, intN)
   dblF = (1 - (sngAlpha / 2)) * dblZ / dblP
   For i = (intN + 1) To (intN + n - 1)
      'Calculate the forecast
      If varArray(0, (i - 1)) = 0 Then
         intq = intq + 1
         dblF = (1 - (sngAlpha / 2)) * dblZ / dblP
      Else
         dblZ = dblZ + (sngAlpha * (varArray(0, (i - 1)) - dblZ))
         dblP = dblP + (sngAlpha * (intq - dblP))
         intq = 1
         dblF = (1 - (sngAlpha / 2)) * dblZ / dblP
      End If
      If dblF < 0 Then
         dblF = 0
      End If
      'Calculate MSE for the current values of alpha and beta
      'Exclude the last forecast from MSE calculations
      If i <> (intN + n - 1) Then
         dblMSE1 = dblMSE1 + ((varArray(0, i) - dblF) ^ 2)
      End If
   Next
   'Calculate MSE for current Alpha
   dblMSE = (dblMSE1 / (n - 1))
   'Record the best alpha and beta so far
   If sngAlpha = 0.1 Then
      dblMSEbest = dblMSE
      sngAlphabest = sngAlpha
   End If
   If dblMSE < dblMSEbest Then
      sngAlphabest = sngAlpha
      dblMSEbest = dblMSE
   End If
Loop
   'Once selected the best alpha calculate again the forecast and update in the Forecasts table
   dblMSE1 = 0
   dblMAPE1 = 0
   'Initialize dblF for first observation
   dblP = 1
   intq = 1
   dblZ = varArray(0, intN)
   dblF = (1 - (sngAlphabest / 2)) * dblZ / dblP
   rst3.Edit
   rst3.Fields("Forecast_ACR").Value = dblF
   rst3.Update
   'Start forecast calculations for each observation for this part number
   rst3.MoveNext
    For i = (intN + 1) To (intN + n - 1)
      'Calculate the forecast
      'Calculate the forecast
      If varArray(0, (i - 1)) = 0 Then
         intq = intq + 1
         dblF = (1 - (sngAlphabest / 2)) * dblZ / dblP
      Else
         dblZ = dblZ + (sngAlphabest * (varArray(0, (i - 1)) - dblZ))
         dblP = dblP + (sngAlphabest * (intq - dblP))
         intq = 1
         dblF = ((1 - (sngAlphabest / 2)) * (dblZ / dblP))
```

```
            End If
            If dblF < 0 Then
              dblF = 0
            End If
             'Update forecast value in Forecasts table
             rst3.Edit
             rst3.Fields("Forecast_ACR").Value = dblF
             rst3.Update
             rst3.MoveNext
             'Start cumulative values calculations for MSE and MAPE for the current values of alpha and beta
             'Exclude last forecast
             If i <> (intN + n - 1) Then
               dblMSE1 = dblMSE1 + ((varArray(0, i) - dblF) ^ 2)
               If varArray(0, i) <> 0 Then
                  dblMAPE1 = dblMAPE1 + ((Abs(varArray(0, i) - dblF) / varArray(0, i)) * 100)
               End If
             End If
          Next
          'Calculate MSE and MAPE for this part number with the alpha and beta selected
          dblMSE = (dblMSE1 / (n - 1))
          dblMAPE = (dblMAPE1 / (n - 1))
          'Update parameters in Forecasts_Parameters table
          rst4.Edit
          rst4.Fields("ACR_Alpha").Value = sngAlphabest
          rst4.Update
          rst4.Edit
          rst4.Fields("ACR_MSE").Value = dblMSE
          rst4.Update
          rst4.Edit
          rst4.Fields("ACR_MAPE").Value = dblMAPE
          rst4.Update
          'Update absolute position marker
          intN = n + intN
          If intN >= rst5.RecordCount Then
             Exit Do
          End If
          If rst3.EOF = True Then
          Exit Do
          End If
    Else
    End If
    Do Until rst3.Fields("PART_NR_Equivalent") <> varPartNumber
       rst3.MoveNext
       intN = intN + 1
       If rst3.EOF = True Then
          Exit Do
       End If
    Loop
Loop
rst3.Close
rst4.Close
rst5.Close
Set rst3 = Nothing
Set rst4 = Nothing
Set rst5 = Nothing
End Sub
```

Modified Croston Forecast

```
Public Sub Forecast_Modified_Croston()
Dim dbs As Database
Dim rst3 As DAO.Recordset
Dim rst4 As DAO.Recordset
Dim rst5 As DAO.Recordset
```

```
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
'Create variable for forecast value
Dim dblF As Double
'Create variant for calculations,this will be converted to an array further on
Dim varArray() As Variant
'Create a bookmark for the beginning of the data for the part number evaluated
Dim varBegBookmark As Variant
'Create a bookmark for the end of the data for the part number evaluated
Dim varEndBookmark As Variant
'Create variable to hold current calculations of MSE
Dim dblMSE As Double
Dim dblMSE1 As Double
'Create variables to hold calculations for MAPE
Dim dblMAPE As Double
Dim dblMAPE1 As Double
'Create variables for Croston method
Dim dblXprev As Double
Dim dblFprev As Double
Dim intTprev As Integer
Dim intT As Integer
Dim intq As Integer
'Create variable to hold best calculations of MSE
Dim dblMSEbest As Double
'Create variable for current Alpha
Dim sngAlpha As Single
'Create variable to hold best Alpha
Dim sngAlphabest As Single
'Create Counter variables:
Dim intK As Integer
'Create variable n to hold the total number of records per part number
Dim n As Integer
'Create variable intN to hold the absolute position count
Dim intN As Integer
'Create several variables for counters
Dim i As Integer
Dim t As Integer
Dim x As Integer
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)
'Open a Dynaset recordset using only the field SumOfQTY of the table Forecasts
Set rst5 = dbs.OpenRecordset("SELECT SumOfQTY FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order,
Month_of_order", dbOpenDynaset)
'Initialize absolute position counter
intN = 0

'Create Array with quantity orders for ALL  part numbers
rst5.MoveLast
rst5.MoveFirst
varArray = rst5.GetRows(rst5.RecordCount)
rst3.MoveFirst
Do While Not rst3.EOF
   'Initialize variable for this part number
   n = 0
   dblMSE = 0
   dblMSEbest = 0
   dblMAPE = 0
   sngAlphabest = 0
   sngAlpha = 0
   varPartNumber = rst3.Fields("PART_NR_Equivalent")
   'Check if this part number is valid for Modified Croston
   'Confirm that is intermittent
```

```
 rst4.MoveFirst
 Do Until rst4.Fields("PART_NR_Equivalent") = varPartNumber
    rst4.MoveNext
    If rst4.EOF = True Then
       Exit Do
    End If
 Loop
If (rst4.Fields("Intermittent") = "yes") Then
    'Calculate Forecast
    'Set a bookmark for the first record for this part number
    varBegBookmark = rst3.Bookmark
    'Calculate the number of records for this part number
    Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
       n = (n + 1)
       rst3.MoveNext
       If rst3.EOF = True Then
          Exit Do
       End If
    Loop
    'Set a bookmark for the last record of this part number
    If rst3.EOF = False Then
    varEndBookmark = rst3.Bookmark
    Else
    End If
    'Come back to the first record for this part number
    rst3.Bookmark = varBegBookmark
    'Calculate forecast using Modified Croston method and determine the best alpha by minimizing MSE
    'Calculate best alpha
    Do While sngAlpha <= 1
       dblMSE1 = 0
       dblMAPE1 = 0
       sngAlpha = sngAlpha + 0.1
       'Start forecast calculations for each observation for this part number
       'Initialize dblF
       dblF = varArray(0, intN)
       dblXprev = varArray(0, intN)
       dblFprev = varArray(0, intN)
       intTprev = 1
       intT = 2
       For i = (intN + 1) To (intN + n - 1)
          'Calculate the forecast
          If varArray(0, (i - 1)) = 0 Then
             dblXprev = varArray(0, i)
          Else
             dblF = dblFprev + (sngAlpha * ((dblXprev / (intT - intTprev)) - dblFprev))
             dblXprev = varArray(0, i)
             dblFprev = dblF
             intTprev = i - intN + 1
          End If
          intT = intT + 1
          If dblF < 0 Then
             dblF = 0
          End If
          'Calculate MSE for the current values of alpha and beta
          If i <> (intN + n - 1) Then
             dblMSE1 = dblMSE1 + ((varArray(0, i) - dblF) ^ 2)
          End If
       Next
       'Calculate MSE for current Alpha
       dblMSE = (dblMSE1 / (n - 1))
       'Record the best alpha and beta so far
       If sngAlpha = 0.1 Then
          dblMSEbest = dblMSE
          sngAlphabest = sngAlpha
       End If
       If dblMSE < dblMSEbest Then
```

```
        sngAlphabest = sngAlpha
        dblMSEbest = dblMSE
    End If
Loop
    'Once selected the best alpha calculate again the forecast and update in the Forecasts table
    dblMSE1 = 0
    dblMAPE1 = 0
    'Initialize dblF for first observation
    dblF = varArray(0, intN)
    dblXprev = varArray(0, intN)
    dblFprev = varArray(0, intN)
    intTprev = 1
    intT = 2
    rst3.Edit
    rst3.Fields("Forecast_MC").Value = dblF
    rst3.Update
    'Start forecast calculations for each observation for this part number
    rst3.MoveNext
     For i = (intN + 1) To (intN + n - 1)
        'Calculate the forecast
        If varArray(0, (i - 1)) = 0 Then
            dblXprev = varArray(0, i)
        Else
            dblF = dblFprev + (sngAlphabest * ((dblXprev / (intT - intTprev)) - dblFprev))
            dblXprev = varArray(0, i)
            dblFprev = dblF
            intTprev = i - intN + 1
        End If
        intT = intT + 1
        If dblF < 0 Then
           dblF = 0
        End If
         'Update forecast value in Forecasts table
         rst3.Edit
         rst3.Fields("Forecast_MC").Value = dblF
         rst3.Update
         rst3.MoveNext
         'Start cumulative values calculations for MSE and MAPE for the current values of alpha and beta
         If i <> (intN + n - 1) Then
            dblMSE1 = dblMSE1 + ((varArray(0, (i)) - dblF) ^ 2)
            If varArray(0, i) <> 0 Then
                dblMAPE1 = dblMAPE1 + ((Abs(varArray(0, i) - dblF) / varArray(0, i)) * 100)
            End If
         End If
     Next
    'Calculate MSE and MAPE for this part number with the alpha and beta selected
    dblMSE = (dblMSE1 / (n - 1))
    dblMAPE = (dblMAPE1 / (n - 1))
    'Update parameters in Forecasts_Parameters table
    rst4.Edit
    rst4.Fields("MC_Alpha").Value = sngAlphabest
    rst4.Update
    rst4.Edit
    rst4.Fields("MC_MSE").Value = dblMSE
    rst4.Update
    rst4.Edit
    rst4.Fields("MC_MAPE").Value = dblMAPE
    rst4.Update
    'Update absolute position marker
    intN = n + intN
    If intN >= rst5.RecordCount Then
        Exit Do
    End If
    If rst3.EOF = True Then
    Exit Do
    End If
```

```
    Else
    End If
    Do Until rst3.Fields("PART_NR_Equivalent") <> varPartNumber
       rst3.MoveNext
       intN = intN + 1
       If rst3.EOF = True Then
          Exit Do
       End If
    Loop
Loop
rst3.Close
rst4.Close
rst5.Close
Set rst3 = Nothing
Set rst4 = Nothing
Set rst5 = Nothing
End Sub
```

Select Best Forecast

```
Public Sub Select_Best_Forecast()
Dim dbs As Database
Dim rst4 As DAO.Recordset
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)
rst4.MoveFirst
Do While Not rst4.EOF
      If rst4.Fields("LRD_MSE") <> "" Then
         rst4.Edit
         rst4.Fields("Best_Forecast").Value = "Linear Regression for Deseasonalized data"
         rst4.Update
         rst4.MoveNext
      Else
         If rst4.Fields("SE_MSE") <> "" Then
            rst4.Edit
            rst4.Fields("Best_Forecast").Value = "Single Exponential Smoothing"
            rst4.Update
            rst4.MoveNext
         Else
            If rst4.Fields("CR_MSE") <> "" Then
               If rst4.Fields("CR_MSE") < rst4.Fields("ACR_MSE") And rst4.Fields("CR_MSE") < rst4.Fields("MC_MSE") Then
                  rst4.Edit
                  rst4.Fields("Best_Forecast").Value = "Croston"
                  rst4.Update
                  rst4.MoveNext
               Else
                  If rst4.Fields("ACR_MSE") < rst4.Fields("CR_MSE") And rst4.Fields("ACR_MSE") < rst4.Fields("MC_MSE") Then
                     rst4.Edit
                     rst4.Fields("Best_Forecast").Value = "Approximation to Croston"
                     rst4.Update
                     rst4.MoveNext
                  Else
                     rst4.Edit
                     rst4.Fields("Best_Forecast").Value = "Modified Croston"
                     rst4.Update
                     rst4.MoveNext
                  End If
               End If
            Else
               If rst4.Fields("Holts_MSE") <> "" Then
                  If rst4.Fields("Holts_MSE") < rst4.Fields("MA_MSE") And rst4.Fields("Holts_MSE") < rst4.Fields("WMA_MSE") Then
                        rst4.Edit
```

```
                    rst4.Fields("Best_Forecast").Value = "Holts"
                    rst4.Update
                    rst4.MoveNext
                Else
                    If rst4.Fields("MA_MSE") < rst4.Fields("WMA_MSE") Then
                        rst4.Edit
                        rst4.Fields("Best_Forecast").Value = "Simple Moving Average"
                        rst4.Update
                        rst4.MoveNext
                    Else
                        rst4.Edit
                        rst4.Fields("Best_Forecast").Value = "Weighted Moving Average"
                        rst4.Update
                        rst4.MoveNext
                    End If
                End If

            Else
                If rst4.Fields("HW_MSE") < rst4.Fields("MA_MSE") And rst4.Fields("HW_MSE") < rst4.Fields("WMA_MSE") Then
                    rst4.Edit
                    rst4.Fields("Best_Forecast").Value = "Holt-Winters"
                    rst4.Update
                    rst4.MoveNext
                Else
                    If rst4.Fields("MA_MSE") < rst4.Fields("WMA_MSE") Then
                        rst4.Edit
                        rst4.Fields("Best_Forecast").Value = "Simple Moving Average"
                        rst4.Update
                        rst4.MoveNext
                    Else
                        rst4.Edit
                        rst4.Fields("Best_Forecast").Value = "Weighted Moving Average"
                        rst4.Update
                        rst4.MoveNext
                    End If
                End If
            End If
        End If

    End If
End If
Loop
rst4.Close
Set rst4 = Nothing
End Sub
```

Calculations for Theil U-Stat, MAD best forecast, and Tracking Signal

```
Public Sub Theil_U_Stat()
Dim dbs As Database
'Create recordsets
Dim rst3 As DAO.Recordset
Dim rst4 As DAO.Recordset
Dim rst5 As DAO.Recordset
Dim rst6 As DAO.Recordset
Dim rst7 As DAO.Recordset
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
'Create variable to hold the final calculation of the Theil's U statistic
Dim Theil_U As Single
'Create variable for tracking signal
Dim TS As Double
'Create variable to store the MAD of the best forecast
Dim MAD_best As Single
```

```
'Create variable for summation of the numerator of the Theil's U stat
Dim dblSum1 As Double
'Create variable for summation of the denominator of the Theil's U stat
Dim dblSum2 As Double
'Create variable for the numerator of the tracking signal
Dim dblSum3 As Double
'Create variable for the denominator of the tracking signal
Dim dblSum4 As Double
'Create variant for calculations,this will be converted to an array further on to hold actual demand
Dim varArray() As Variant
'Create variant for calculations,this will be converted to an array further on to hold forecast
Dim varArray2() As Variant
Dim varArray3() As Variant
'Create a bookmark for the beginning of the data for the part number evaluated
Dim varBegBookmark As Variant
'Create a bookmark for the end of the data for the part number evaluated
Dim varEndBookmark As Variant
'Create variable n to hold the total number of records per part number
Dim n As Integer
'Create variable intN to hold the absolute position count
Dim intN As Integer
'Create several variables for counters
Dim i As Integer
Dim x As Integer
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)
'Open a Dynaset recordset using only the field SumOfQTY of the table Forecasts
Set rst5 = dbs.OpenRecordset("SELECT SumOfQTY FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order,
Month_of_order", dbOpenDynaset)
'Initialize absolute position counter
intN = 0
'Create Array with quantity orders for ALL  part numbers
rst5.MoveLast
rst5.MoveFirst
varArray = rst5.GetRows(rst5.RecordCount)
rst3.MoveFirst
Do While Not rst3.EOF
   'Initialize variable for this part number
   n = 0
   dblSum1 = 0
   dblSum2 = 0
   dblSum3 = 0
   dblSum4 = 0
   TS = 0
   Theil_U = 0
   varPartNumber = rst3.Fields("PART_NR_Equivalent")
   'Locate this part number in the Forecast Parameters table
   rst4.MoveFirst
   Do Until rst4.Fields("PART_NR_Equivalent") = varPartNumber
      rst4.MoveNext
      If rst4.EOF = True Then
         Exit Do
      End If
   Loop
   'Set a bookmark for the first record for this part number
   varBegBookmark = rst3.Bookmark
   'Calculate the number of records for this part number
   Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
      n = (n + 1)
      rst3.MoveNext
      If rst3.EOF = True Then
         Exit Do
```

```
      End If
   Loop
   'Set a bookmark for the last record of this part number
   If rst3.EOF = False Then
      varEndBookmark = rst3.Bookmark
   Else
   End If
   'Come back to the first record for this part number
   rst3.Bookmark = varBegBookmark
   'Create array with the values of the best forecast
   Select Case rst4.Fields("Best_Forecast")
      Case "Weighted Moving Average"
         'Open a Dynaset recordset using only the field Forecast_WA of the table Forecasts
         Set rst6 = dbs.OpenRecordset("SELECT Forecast_WA FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
         'Create Array with the information from rst5
         rst6.MoveLast
         rst6.MoveFirst
         varArray2 = rst6.GetRows(rst6.RecordCount)

      Case "Simple Moving Average"
         'Open a Dynaset recordset using only the field Forecast_MA of the table Forecasts
         Set rst6 = dbs.OpenRecordset("SELECT Forecast_MA FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
         'Create Array with the information from rst5
         rst6.MoveLast
         rst6.MoveFirst
         varArray2 = rst6.GetRows(rst6.RecordCount)
      Case "Holt-Winters"
         Select Case rst4.Fields("HW_s")
            Case 4
               'Open a Dynaset recordset using only the field Forecast_HW4 of the table Forecasts
               Set rst6 = dbs.OpenRecordset("SELECT Forecast_HW4 FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
               'Create Array with the information from rst5
               rst6.MoveLast
               rst6.MoveFirst
               varArray2 = rst6.GetRows(rst6.RecordCount)
               'Open a Dynaset recordset using only the field QTYQuarter_HW4 of the table Forecasts
               Set rst7 = dbs.OpenRecordset("SELECT QTYQuarter_HW4 FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
               'Create Array with the information from rst5
               rst7.MoveLast
               rst7.MoveFirst
               varArray3 = rst7.GetRows(rst7.RecordCount)
               'Update n with the real value of quarters for this part number
               n = 0
               Do While rst3.Fields("QTYQuarter_HW4") <> ""
                  n = (n + 1)
                  rst3.MoveNext
                  If rst3.EOF = True Then
                     Exit Do
                  End If
               Loop
               'Come back to the first record for this part number
               rst3.Bookmark = varBegBookmark
            Case 6
               'Open a Dynaset recordset using only the field Forecast_HW6 of the table Forecasts
               Set rst6 = dbs.OpenRecordset("SELECT Forecast_HW6 FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
               'Create Array with the information from rst5
               rst6.MoveLast
               rst6.MoveFirst
               varArray2 = rst6.GetRows(rst6.RecordCount)
               'Open a Dynaset recordset using only the field QTYSem_HW6 of the table Forecasts
               Set rst7 = dbs.OpenRecordset("SELECT QTYSem_HW6 FROM Forecasts ORDER BY PART_NR_Equivalent,
```

```
Year_of_Order, Month_of_order", dbOpenDynaset)
                'Create Array with the information from rst5
                rst7.MoveLast
                rst7.MoveFirst
                varArray3 = rst7.GetRows(rst7.RecordCount)
                'Update n with the real value of semesters for this part number
                n = 0
                Do While rst3.Fields("QTYSem_HW6") <> ""
                   n = (n + 1)
                   rst3.MoveNext
                   If rst3.EOF = True Then
                      Exit Do
                   End If
                Loop
                'Come back to the first record for this part number
                rst3.Bookmark = varBegBookmark

             Case 12
                'Open a Dynaset recordset using only the field Forecast_HW12 of the table Forecasts
                Set rst6 = dbs.OpenRecordset("SELECT Forecast_HW12 FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
                'Create Array with the information from rst5
                rst6.MoveLast
                rst6.MoveFirst
                varArray2 = rst6.GetRows(rst6.RecordCount)
          End Select
       Case "Holts"
          'Open a Dynaset recordset using only the field Forecast_H of the table Forecasts
          Set rst6 = dbs.OpenRecordset("SELECT Forecast_H FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order,
Month_of_order", dbOpenDynaset)
          'Create Array with the information from rst5
          rst6.MoveLast
          rst6.MoveFirst
          varArray2 = rst6.GetRows(rst6.RecordCount)
       Case "Modified Croston"
          'Open a Dynaset recordset using only the field Forecast_MC of the table Forecasts
          Set rst6 = dbs.OpenRecordset("SELECT Forecast_MC FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
          'Create Array with the information from rst5
          rst6.MoveLast
          rst6.MoveFirst
          varArray2 = rst6.GetRows(rst6.RecordCount)
       Case "Approximation to Croston"
          'Open a Dynaset recordset using only the field Forecast_ACR of the table Forecasts
          Set rst6 = dbs.OpenRecordset("SELECT Forecast_ACR FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
          'Create Array with the information from rst5
          rst6.MoveLast
          rst6.MoveFirst
          varArray2 = rst6.GetRows(rst6.RecordCount)
       Case "Single Exponential Smoothing"
          'Open a Dynaset recordset using only the field Forecast_SE of the table Forecasts
          Set rst6 = dbs.OpenRecordset("SELECT Forecast_SE FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order,
Month_of_order", dbOpenDynaset)
          'Create Array with the information from rst5
          rst6.MoveLast
          rst6.MoveFirst
          varArray2 = rst6.GetRows(rst6.RecordCount)
       Case "Linear Regression for Deseasonalized data"
          Select Case rst4.Fields("LRD_s")
             Case 4
                'Open a Dynaset recordset using only the field Forecast_LRD4 of the table Forecasts
                Set rst6 = dbs.OpenRecordset("SELECT Forecast_LRD4 FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
                'Create Array with the information from rst5
                rst6.MoveLast
```

```
                rst6.MoveFirst
                varArray2 = rst6.GetRows(rst6.RecordCount)
                'Open a Dynaset recordset using only the field QTYQuarter_LRD4 of the table Forecasts
                Set rst7 = dbs.OpenRecordset("SELECT QTYQuarter_LRD4 FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
                'Create Array with the information from rst5
                rst7.MoveLast
                rst7.MoveFirst
                varArray3 = rst7.GetRows(rst7.RecordCount)
                'Update n with the real value of quarters for this part number
                n = 0
                Do While rst3.Fields("QTYQuarter_LRD4") <> ""
                   n = (n + 1)
                   rst3.MoveNext
                   If rst3.EOF = True Then
                      Exit Do
                   End If
                Loop
                'Come back to the first record for this part number
                rst3.Bookmark = varBegBookmark
             Case 6
                'Open a Dynaset recordset using only the field Forecast_LRD6 of the table Forecasts
                Set rst6 = dbs.OpenRecordset("SELECT Forecast_LRD6 FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
                'Create Array with the information from rst5
                rst6.MoveLast
                rst6.MoveFirst
                varArray2 = rst6.GetRows(rst6.RecordCount)
                'Open a Dynaset recordset using only the field QTYSem_LRD6 of the table Forecasts
                Set rst7 = dbs.OpenRecordset("SELECT QTYSem_LRD6 FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
                'Create Array with the information from rst5
                rst7.MoveLast
                rst7.MoveFirst
                varArray3 = rst7.GetRows(rst7.RecordCount)
                'Update n with the real value of SEMESTERS for this part number
                n = 0
                Do While rst3.Fields("QTYSem_LRD6") <> ""
                   n = (n + 1)
                   rst3.MoveNext
                   If rst3.EOF = True Then
                      Exit Do
                   End If
                Loop
                'Come back to the first record for this part number
                rst3.Bookmark = varBegBookmark
             Case 12
                'Open a Dynaset recordset using only the field Forecast_HW12 of the table Forecasts
                Set rst6 = dbs.OpenRecordset("SELECT Forecast_LRD12 FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
                'Create Array with the information from rst5
                rst6.MoveLast
                rst6.MoveFirst
                varArray2 = rst6.GetRows(rst6.RecordCount)
          End Select
       Case "Croston"
          'Open a Dynaset recordset using only the field Forecast_CR of the table Forecasts
          Set rst6 = dbs.OpenRecordset("SELECT Forecast_CR FROM Forecasts ORDER BY PART_NR_Equivalent,
Year_of_Order, Month_of_order", dbOpenDynaset)
          'Create Array with the information from rst5
          rst6.MoveLast
          rst6.MoveFirst
          varArray2 = rst6.GetRows(rst6.RecordCount)
    End Select
    Select Case rst4.Fields("Best_Forecast")
       Case "Weighted Moving Average"
```

```
    x = rst4.Fields("MA_Avg_Periods")
    If intN <> 0 Then
       For i = (intN + x) To (intN + n - 3)
          If varArray(0, i) <> 0 Then
             dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
             dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
          End If
             dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
             dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
       Next
    Else
       For i = (intN + x) To (intN + n - 1)
          If varArray(0, i) <> 0 Then
             dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
             dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
          End If
             dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
             dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
       Next
    End If
    If dblSum2 <> 0 Then
       Theil_U = (dblSum1 / dblSum2) ^ (1 / 2)
    End If
    MAD_best = dblSum4 / n
    If dblSum4 <> 0 Then
       TS = dblSum3 / (dblSum4 / n)
    Else
    End If
 Case "Simple Moving Average"
    x = rst4.Fields("MA_Avg_Periods")
    If intN <> 0 Then
       For i = (intN + x) To (intN + n - 3)
          If varArray(0, i) <> 0 Then
             dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
             dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
          End If
             dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
             dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
       Next
    Else
       For i = (intN + x) To (intN + n - 1)
          If varArray(0, i) <> 0 Then
             dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
             dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
          End If
             dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
             dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
       Next
    End If
    If dblSum2 <> 0 Then
       Theil_U = (dblSum1 / dblSum2) ^ (1 / 2)
    End If
    MAD_best = dblSum4 / n
    If dblSum4 <> 0 Then
       TS = dblSum3 / (dblSum4 / n)
    Else
    End If
 Case "Holt-Winters"
    x = rst4.Fields("HW_s")
    Select Case x
       Case 12
          If intN <> 0 Then
             For i = (intN + 12) To (intN + n - 3)
                If varArray(0, i) <> 0 Then
                   dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
                   dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
```

```
            End If
               dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
               dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
         Next
      Else
         For i = (intN) To (intN + n - 1)
            If varArray(0, i) <> 0 Then
               dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
               dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
            End If
               dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
               dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
         Next
      End If
      If dblSum2 <> 0 Then
         Theil_U = (dblSum1 / dblSum2) ^ (1 / 2)
      End If
      MAD_best = dblSum4 / n
      If dblSum4 <> 0 Then
         TS = dblSum3 / (dblSum4 / n)
      Else
      End If
   Case Else

      If intN <> 0 Then
         For i = (intN + x) To (intN + n - 2)
            If varArray3(0, i) <> 0 Then
               dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray3(0, i + 1)) / varArray3(0, i)) ^ 2
               dblSum2 = dblSum2 + ((varArray3(0, i + 1) - varArray3(0, i)) / varArray3(0, i)) ^ 2
            End If
               dblSum3 = dblSum3 + (varArray3(0, i) - varArray2(0, i))
               dblSum4 = dblSum4 + Abs(varArray3(0, i) - varArray2(0, i))
         Next
      Else
         For i = (intN + x) To (intN + n - 1)
            If varArray(0, i) <> 0 Then
               dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray3(0, i + 1)) / varArray3(0, i)) ^ 2
               dblSum2 = dblSum2 + ((varArray3(0, i + 1) - varArray3(0, i)) / varArray3(0, i)) ^ 2
            End If
               dblSum3 = dblSum3 + (varArray3(0, i) - varArray2(0, i))
               dblSum4 = dblSum4 + Abs(varArray3(0, i) - varArray2(0, i))
         Next
      End If
      If dblSum2 <> 0 Then
         Theil_U = (dblSum1 / dblSum2) ^ (1 / 2)
      End If
      MAD_best = dblSum4 / n
      If dblSum4 <> 0 Then
         TS = dblSum3 / (dblSum4 / (n - x))
      Else
      End If
End Select
Case "Holts"
   If intN <> 0 Then
      For i = (intN) To (intN + n - 3)
         If varArray(0, i) <> 0 Then
            dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
            dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2

         End If
            dblSum3 = dblSum3 + (varArray(0, i + 1) - varArray2(0, i + 1))
            dblSum4 = dblSum4 + Abs(varArray(0, i + 1) - varArray2(0, i + 1))
      Next
   Else
      For i = (intN) To (intN + n - 1)
         If varArray(0, i) <> 0 Then
```

```
            dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
            dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
         End If
         If varArray2(0, i) <> Null Then
            dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
            dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
         End If
      Next
   End If
   If dblSum2 <> 0 Then
      Theil_U = (dblSum1 / dblSum2) ^ (1 / 2)
   End If
   MAD_best = dblSum4 / n
   If dblSum4 <> 0 Then
      TS = dblSum3 / (dblSum4 / n)
   Else
   End If
Case "Modified Croston"
   If intN <> 0 Then
      For i = (intN) To (intN + n - 3)
         If varArray(0, i) <> 0 Then
            dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
            dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
         End If
            dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
            dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
      Next
   Else
      For i = (intN) To (intN + n - 1)
         If varArray(0, i) <> 0 Then
            dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
            dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
         End If
            dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
            dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
      Next
   End If
   If dblSum2 <> 0 Then
      Theil_U = (dblSum1 / dblSum2) ^ (1 / 2)
   End If
   MAD_best = dblSum4 / n
   If dblSum4 <> 0 Then
      TS = dblSum3 / (dblSum4 / n)
   Else
   End If
Case "Approximation to Croston"
   If intN <> 0 Then
      For i = (intN) To (intN + n - 3)
         If varArray(0, i) <> 0 Then
            dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
            dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
         End If
            dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
            dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
      Next
   Else
      For i = (intN) To (intN + n - 1)
         If varArray(0, i) <> 0 Then
            dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
            dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
         End If
            dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
            dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
      Next
   End If
   If dblSum2 <> 0 Then
```

```
      Theil_U = (dblSum1 / dblSum2) ^ (1 / 2)
   End If
   MAD_best = dblSum4 / n
   If dblSum4 <> 0 Then
      TS = dblSum3 / (dblSum4 / n)
   Else
   End If
Case "Single Exponential Smoothing"
   If intN <> 0 Then
      For i = (intN) To (intN + n - 3)
         If varArray(0, i) <> 0 Then
            dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
            dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
         End If
            dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
            dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
      Next
   Else
      For i = (intN) To (intN + n - 1)
         If varArray(0, i) <> 0 Then
            dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
            dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2

         End If
            dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
            dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
      Next
   End If
   If dblSum2 <> 0 Then
      Theil_U = (dblSum1 / dblSum2) ^ (1 / 2)
   End If
   MAD_best = dblSum4 / n
   If dblSum4 <> 0 Then
      TS = dblSum3 / (dblSum4 / n)
   Else
   End If
Case "Linear Regression for Deseasonalized data"
   x = rst4.Fields("LRD_s")
   Select Case x
      Case 12
         If intN <> 0 Then
            For i = (intN) To (intN + n - 3)
               If varArray(0, i) <> 0 Then
                  dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
                  dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
               End If
                  dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
                  dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
            Next
         Else
            For i = (intN) To (intN + n - 1)
               If varArray(0, i) <> 0 Then
                  dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
                  dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
               End If
                  dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
                  dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
            Next
         End If
         If dblSum2 <> 0 Then
            Theil_U = (dblSum1 / dblSum2) ^ (1 / 2)
         End If
         MAD_best = dblSum4 / n
         If dblSum4 <> 0 Then
            TS = dblSum3 / (dblSum4 / n)
         Else
```

```
            End If
        Case Else
            If intN <> 0 Then
                For i = (intN + x) To (intN + n - 3)
                    If varArray3(0, i) <> 0 Then
                        dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray3(0, i + 1)) / varArray3(0, i)) ^ 2
                        dblSum2 = dblSum2 + ((varArray3(0, i + 1) - varArray3(0, i)) / varArray3(0, i)) ^ 2
                    End If
                        dblSum3 = dblSum3 + (varArray3(0, i) - varArray2(0, i))
                        dblSum4 = dblSum4 + Abs(varArray3(0, i) - varArray2(0, i))
                Next
            Else
                For i = (intN + x) To (intN + n - 1)
                    If varArray3(0, i) <> 0 Then
                        dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray3(0, i + 1)) / varArray3(0, i)) ^ 2
                        dblSum2 = dblSum2 + ((varArray3(0, i + 1) - varArray3(0, i)) / varArray3(0, i)) ^ 2

                    End If
                        dblSum3 = dblSum3 + (varArray3(0, i) - varArray2(0, i))
                        dblSum4 = dblSum4 + Abs(varArray3(0, i) - varArray2(0, i))
                Next
            End If
            If dblSum2 <> 0 Then
                Theil_U = (dblSum1 / dblSum2) ^ (1 / 2)
            End If
            MAD_best = dblSum4 / n
            If dblSum4 <> 0 Then
                TS = dblSum3 / (dblSum4 / n)
            Else
            End If
    End Select
Case "Croston"
    If intN <> 0 Then
        For i = (intN) To (intN + n - 3)
            If varArray(0, i) <> 0 Then
                dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
                dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
            End If
                dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
                dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
        Next
    Else
        For i = (intN) To (intN + n - 1)
            If varArray(0, i) <> 0 Then
                dblSum1 = dblSum1 + ((varArray2(0, i + 1) - varArray(0, i + 1)) / varArray(0, i)) ^ 2
                dblSum2 = dblSum2 + ((varArray(0, i + 1) - varArray(0, i)) / varArray(0, i)) ^ 2
            End If
                dblSum3 = dblSum3 + (varArray(0, i) - varArray2(0, i))
                dblSum4 = dblSum4 + Abs(varArray(0, i) - varArray2(0, i))
        Next
    End If
    If dblSum2 <> 0 Then
        Theil_U = (dblSum1 / dblSum2) ^ (1 / 2)
    End If
    MAD_best = dblSum4 / n
    If dblSum4 <> 0 Then
        TS = dblSum3 / (dblSum4 / n)
    Else
    End If
End Select
rst4.Edit
rst4.Fields("Theil_U").Value = Theil_U
rst4.Fields("MAD_best").Value = MAD_best
rst4.Fields("Tracking_Signal").Value = TS
rst4.Update
If Theil_U > 1 Then
```

```
        rst4.Edit
        rst4.Fields("Better_than_Naïve").Value = "no"
        rst4.Update
    Else
        If Theil_U < 1 Then
            rst4.Edit
            rst4.Fields("Better_than_Naïve").Value = "yes"
            rst4.Update
        Else
            rst4.Edit
            rst4.Fields("Better_than_Naïve").Value = "same"
            rst4.Update
        End If
    End If
    If TS > 3 Or TS < -3 Then
            rst4.Edit
            rst4.Fields("Review_Forecast").Value = "yes"
            rst4.Update
    Else
            rst4.Edit
            rst4.Fields("Review_Forecast").Value = "no"
            rst4.Update
    End If
    Do Until rst3.Fields("PART_NR_Equivalent") <> varPartNumber
        rst3.MoveNext
        intN = intN + 1
        If rst3.EOF = True Then
            Exit Do
        End If
    Loop
    'Clean up arrays for next part number
    Erase varArray2
    Erase varArray3
    Set rst6 = Nothing
    Set rst7 = Nothing
Loop
rst3.Close
rst4.Close
rst5.Close
Set rst3 = Nothing
Set rst4 = Nothing
Set rst5 = Nothing
Set rst6 = Nothing
Set rst7 = Nothing
End Sub
```

Prediction Intervals

```
Public Sub Prediction_Intervals()
Dim dbs As Database
'Create recordsets
Dim rst3 As DAO.Recordset
Dim rst4 As DAO.Recordset
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
'Create several variables for counters
Dim i As Integer
Dim x As Integer
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
```

```
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)
rst4.MoveFirst
Do While Not rst4.EOF
   varPartNumber = rst4.Fields("PART_NR_Equivalent")
   'Determine if we have a valid forecast to create interval
   If rst4.Fields("Better_than_Naïve") = "yes" Then
      'Locate this part number in the Forecast table
      rst3.MoveFirst
      Do Until rst3.Fields("PART_NR_Equivalent") = varPartNumber
         rst3.MoveNext
         If rst3.EOF = True Then
            Exit Do
         End If
      Loop
      'Move until the last record for this part number
      Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
         rst3.MoveNext
         If rst3.EOF = True Then
            Exit Do
         End If
      Loop
      rst3.MovePrevious
      'Calculate the prediction intervals
      Select Case rst4.Fields("Best_Forecast")
         Case "Weighted Moving Average"
            rst4.Edit
            If rst3.Fields("Forecast_WA") - (1.96 * (rst4.Fields("WMA_MSE") ^ (1 / 2))) > 0 Then
               rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_WA") - (1.96 * (rst4.Fields("WMA_MSE") ^ (1 / 2)))
            Else
               rst4.Fields("Low_Pred_Int").Value = 0
            End If
            rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_WA") + (1.96 * (rst4.Fields("WMA_MSE") ^ (1 / 2)))
            rst4.Update
         Case "Simple Moving Average"
            rst4.Edit
            If rst3.Fields("Forecast_MA") - (1.96 * (rst4.Fields("MA_MSE") ^ (1 / 2))) > 0 Then
               rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_MA") - (1.96 * (rst4.Fields("MA_MSE") ^ (1 / 2)))
            Else
               rst4.Fields("Low_Pred_Int").Value = 0
            End If
            rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_MA") + (1.96 * (rst4.Fields("MA_MSE") ^ (1 / 2)))
            rst4.Update
         Case "Holt-Winters"
            Select Case rst4.Fields("HW_s")
               Case 4
                  'Move until the last forecast for quarters (current position in the recordset is the last forecast for the months
                  Do Until rst3.Fields("Forecast_HW4") <> ""
                     rst3.MovePrevious
                  Loop
                  'Update prediction intervals
                  rst4.Edit
                  If rst3.Fields("Forecast_HW4") - (1.96 * (rst4.Fields("HW_MSE") ^ (1 / 2))) > 0 Then
                     rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_HW4") - (1.96 * (rst4.Fields("HW_MSE") ^ (1 / 2)))
                  Else
                     rst4.Fields("Low_Pred_Int").Value = 0
                  End If
                   rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_HW4") + (1.96 * (rst4.Fields("HW_MSE") ^ (1 / 2)))
                   rst4.Update
                  'Return to the position of the last forecast per month for this part number
                  Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
                     rst3.MoveNext
                     If rst3.EOF = True Then
                        Exit Do
                     End If
                  Loop
               Case 6
```

```
        'Move until the last forecast for semesters (current position in the recordset is the last forecast for the months
        Do Until rst3.Fields("Forecast_HW6") <> ""
           rst3.MovePrevious
        Loop
        'Update prediction intervals
        rst4.Edit
        If rst3.Fields("Forecast_HW6") - (1.96 * (rst4.Fields("HW_MSE") ^ (1 / 2))) > 0 Then
           rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_HW6") - (1.96 * (rst4.Fields("HW_MSE") ^ (1 / 2)))
        Else
           rst4.Fields("Low_Pred_Int").Value = 0
        End If
         rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_HW6") + (1.96 * (rst4.Fields("HW_MSE") ^ (1 / 2)))
         rst4.Update
        'Return to the position of the last forecast per month for this part number
        Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
           rst3.MoveNext
           If rst3.EOF = True Then
              Exit Do
           End If
        Loop
      Case 12
        rst4.Edit
        If rst3.Fields("Forecast_HW12") - (1.96 * (rst4.Fields("HW_MSE") ^ (1 / 2))) > 0 Then
           rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_HW12") - (1.96 * (rst4.Fields("HW_MSE") ^ (1 / 2)))
        Else
           rst4.Fields("Low_Pred_Int").Value = 0
        End If
         rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_HW12") + (1.96 * (rst4.Fields("HW_MSE") ^ (1 / 2)))
         rst4.Update
  End Select
Case "Holts"
  rst4.Edit
  If rst3.Fields("Forecast_H") - (1.96 * (rst4.Fields("Holts_MSE") ^ (1 / 2))) > 0 Then
     rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_H") - (1.96 * (rst4.Fields("Holts_MSE") ^ (1 / 2)))
  Else
     rst4.Fields("Low_Pred_Int").Value = 0
  End If
   rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_H") + (1.96 * (rst4.Fields("Holts_MSE") ^ (1 / 2)))
   rst4.Update
Case "Modified Croston"
   'Move to the last forecast different than zero
   Do Until rst3.Fields("Forecast_MC") > 0
        rst3.MovePrevious
        If rst3.BOF = True Then
           Exit Do
        End If
   Loop
   rst4.Edit
  If rst3.Fields("Forecast_MC") - (1.96 * (rst4.Fields("MC_MSE") ^ (1 / 2))) > 0 Then
     rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_MC") - (1.96 * (rst4.Fields("MC_MSE") ^ (1 / 2)))
  Else
     rst4.Fields("Low_Pred_Int").Value = 0
  End If
   rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_MC") + (1.96 * (rst4.Fields("MC_MSE") ^ (1 / 2)))
   rst4.Update
Case "Approximation to Croston"
   'Move to the last forecast different than zero
   Do Until rst3.Fields("Forecast_ACR") > 0
        rst3.MovePrevious
        If rst3.BOF = True Then
           Exit Do
        End If
   Loop
   rst4.Edit
  If rst3.Fields("Forecast_ACR") - (1.96 * (rst4.Fields("ACR_MSE") ^ (1 / 2))) > 0 Then
     rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_ACR") - (1.96 * (rst4.Fields("ACR_MSE") ^ (1 / 2)))
```

```
  Else
     rst4.Fields("Low_Pred_Int").Value = 0
  End If
   rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_ACR") + (1.96 * (rst4.Fields("ACR_MSE") ^ (1 / 2)))
   rst4.Update
Case "Single Exponential Smoothing"
   rst4.Edit
  If rst3.Fields("Forecast_SE") - (1.96 * (rst4.Fields("SE_MSE") ^ (1 / 2))) > 0 Then
     rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_SE") - (1.96 * (rst4.Fields("SE_MSE") ^ (1 / 2)))
  Else
     rst4.Fields("Low_Pred_Int").Value = 0
  End If
   rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_SE") + (1.96 * (rst4.Fields("SE_MSE") ^ (1 / 2)))
   rst4.Update
Case "Linear Regression for Deseasonalized data"
   Select Case rst4.Fields("LRD_s")
      Case 4
        'Move until the last forecast for quarters (current position in the recordset is the last forecast for the months
        Do Until rst3.Fields("Forecast_LRD4") <> ""
           rst3.MovePrevious
        Loop
        rst4.Edit
        If rst3.Fields("Forecast_LRD4") - (1.96 * (rst4.Fields("LRD_MSE") ^ (1 / 2))) > 0 Then
           rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_LRD4") - (1.96 * (rst4.Fields("LRD_MSE") ^ (1 / 2)))
        Else
           rst4.Fields("Low_Pred_Int").Value = 0
        End If
         rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_LRD4") + (1.96 * (rst4.Fields("LRD_MSE") ^ (1 / 2)))
         rst4.Update
         'Return to the position of the last forecast per month for this part number
        Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
           rst3.MoveNext
           If rst3.EOF = True Then
              Exit Do
           End If
        Loop

      Case 6
        'Move until the last forecast for quarters (current position in the recordset is the last forecast for the months
        Do Until rst3.Fields("Forecast_LRD4") <> ""
           rst3.MovePrevious
        Loop
        rst4.Edit
        If rst3.Fields("Forecast_LRD6") - (1.96 * (rst4.Fields("LRD_MSE") ^ (1 / 2))) > 0 Then
           rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_LRD6") - (1.96 * (rst4.Fields("LRD_MSE") ^ (1 / 2)))
        Else
           rst4.Fields("Low_Pred_Int").Value = 0
        End If
         rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_LRD6") + (1.96 * (rst4.Fields("LRD_MSE") ^ (1 / 2)))
         rst4.Update
        'Return to the position of the last forecast per month for this part number
        Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
           rst3.MoveNext
           If rst3.EOF = True Then
              Exit Do
           End If
        Loop
      Case 12
         rst4.Edit
        If rst3.Fields("Forecast_LRD12") - (1.96 * (rst4.Fields("LRD_MSE") ^ (1 / 2))) > 0 Then
           rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_LRD12") - (1.96 * (rst4.Fields("LRD_MSE") ^ (1 / 2)))
        Else
           rst4.Fields("Low_Pred_Int").Value = 0
        End If
         rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_LRD12") + (1.96 * (rst4.Fields("LRD_MSE") ^ (1 / 2)))
         rst4.Update
```

```
            End Select
        Case "Croston"
            'Move to the last forecast different than zero
            Do Until rst3.Fields("Forecast_CR") > 0
                rst3.MovePrevious
                If rst3.BOF = True Then
                    Exit Do
                End If
            Loop
            rst4.Edit
            If rst3.Fields("Forecast_CR") - (1.96 * (rst4.Fields("CR_MSE") ^ (1 / 2))) > 0 Then
                rst4.Fields("Low_Pred_Int").Value = rst3.Fields("Forecast_CR") - (1.96 * (rst4.Fields("CR_MSE") ^ (1 / 2)))
            Else
                rst4.Fields("Low_Pred_Int").Value = 0
            End If
            rst4.Fields("Up_Pred_Int").Value = rst3.Fields("Forecast_CR") + (1.96 * (rst4.Fields("CR_MSE") ^ (1 / 2)))
            rst4.Update
    End Select
    'Round up interval values, for example a value of 1.2 will be rounded as 2 units
    If rst4.Fields("Low_Pred_Int") <> Int(rst4.Fields("Low_Pred_Int")) Then
        rst4.Edit
        rst4.Fields("Low_Pred_Int").Value = Int(rst4.Fields("Low_Pred_Int")) + 1
        rst4.Update
    End If
    If rst4.Fields("Up_Pred_Int") <> Int(rst4.Fields("Up_Pred_Int")) Then
        rst4.Edit
        rst4.Fields("Up_Pred_Int").Value = Int(rst4.Fields("Up_Pred_Int")) + 1
        rst4.Update
    End If
    rst4.MoveNext
  Else
  rst4.MoveNext
  End If
Loop
rst3.Close
rst4.Close

Set rst3 = Nothing
Set rst4 = Nothing
End Sub
```

Inventory Modules

```
Public Sub Prepare_for_Inventory()
Dim dbs As Database
Dim stDocName As String
Dim td As DAO.TableDef
Dim fd As DAO.Field
Set dbs = CurrentDb
'Run query that creates summary table
stDocName = "Create_Inventory_table"
DoCmd.OpenQuery stDocName, acViewNormal, acEdit
'Add additional fields to include during forecasts
Set td = dbs.TableDefs("Inventory")
Set fd = td.CreateField("EOQ", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("M", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("Ro", dbDouble)
td.Fields.Append fd
Set fd = td.CreateField("S", dbDouble)
td.Fields.Append fd
MsgBox "Finished.  New Inventory table has been created"
End Sub
```

```
Public Sub Inventory_Modules()
Dim dbs As Database
'Create recordsets
'Recordset for the forecasts
Dim rst3 As DAO.Recordset
'Recordset for the forecasts parameters
Dim rst4 As DAO.Recordset
'Recordset for the data in the Inventory table
Dim rst5 As DAO.Recordset
'Create variable to hold the part number beign evaluated
Dim varPartNumber As Variant
'Create several variables for counters
Dim i As Integer
Dim x As Integer
Set dbs = CurrentDb
'Open a Dynaset recordset using the table Forecasts, this is the table with the main data
Set rst3 = dbs.OpenRecordset("SELECT * FROM Forecasts ORDER BY PART_NR_Equivalent, Year_of_Order, Month_of_order",
dbOpenDynaset)
'Open a Dynaset recordset using the table Forecasts_Parameters, this is table is for filtering data
Set rst4 = dbs.OpenRecordset("Forecasts_Parameters", dbOpenDynaset)
'Open a Dynaset recordset using the table Inventory, this table will hold the final calculations
Set rst5 = dbs.OpenRecordset("Inventory", dbOpenDynaset)
rst4.MoveFirst
rst5.MoveFirst
Do While Not rst4.EOF
   varPartNumber = rst4.Fields("PART_NR_Equivalent")
   'Determine if we have a valid forecast to calculate inventory
   If rst4.Fields("Better_than_Naïve") = "yes" Then

      'Locate this part number in the Forecast table
      rst3.MoveFirst
      Do Until rst3.Fields("PART_NR_Equivalent") = varPartNumber
         rst3.MoveNext
         If rst3.EOF = True Then
            Exit Do
         End If
      Loop
      'Move until the last record for this part number
      Do While rst3.Fields("PART_NR_Equivalent") = varPartNumber
         rst3.MoveNext
         If rst3.EOF = True Then
            Exit Do
         End If
      Loop
      rst3.MovePrevious
     'Locate this part number in the Inventory table
      rst5.MoveFirst
      Do Until rst5.Fields("PART_NR_Equivalent") = varPartNumber
         rst5.MoveNext
         If rst5.EOF = True Then
            Exit Do
         End If
      Loop
      'Calculate the inventory values
      Select Case rst4.Fields("Best_Forecast")
         Case "Weighted Moving Average"
            If rst3.Fields("Forecast_WA") Then
               rst5.Edit
               rst5.Fields("M").Value = (rst3.Fields("Forecast_WA") * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_WA")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
               rst5.Fields("EOQ").Value = (2 * 12 * rst3.Fields("Forecast_WA") * rst5.Fields("Cost_Order") / (rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
               rst5.Fields("Ro").Value = 12 / ((12 * rst3.Fields("Forecast_WA") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
               rst5.Update
```

```
                rst5.Edit
                rst5.Fields("S").Value = rst3.Fields("Forecast_WA") * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) + (rst5.Fields("Z") *
1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_WA")) ^ 0.7) * (rst5.Fields("Ro") +
rst5.Fields("Lead_Time")) ^ (1 / 2))
                rst5.Update
              End If
             If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                rst5.Edit
                rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                rst5.Update
             End If
             If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
                rst5.Edit
                rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                rst5.Update
             End If
             If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                rst5.Edit
                rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                rst5.Update
             End If
             If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
                rst5.Edit
                rst5.Fields("EOQ").Value = 1
                rst5.Update
             End If
          Case "Simple Moving Average"
             If rst3.Fields("Forecast_MA") Then
                rst5.Edit
                rst5.Fields("M").Value = (rst3.Fields("Forecast_MA") * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_MA")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
                rst5.Fields("EOQ").Value = (2 * 12 * rst3.Fields("Forecast_MA") * rst5.Fields("Cost_Order") / (rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
                rst5.Fields("Ro").Value = 12 / ((12 * rst3.Fields("Forecast_MA") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
                rst5.Update
                rst5.Edit
                rst5.Fields("S").Value = rst3.Fields("Forecast_MA") * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) + (rst5.Fields("Z") *
1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_MA")) ^ 0.7) * (rst5.Fields("Ro") +
rst5.Fields("Lead_Time")) ^ (1 / 2))
                rst5.Update
              End If
             If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                rst5.Edit
                rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                rst5.Update
             End If
             If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
                rst5.Edit
                rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                rst5.Update
             End If
             If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                rst5.Edit
                rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                rst5.Update
             End If
             If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
                rst5.Edit
                rst5.Fields("EOQ").Value = 1
                rst5.Update
             End If
          Case "Holt-Winters"
             Select Case rst4.Fields("HW_s")
                Case 4
                  If rst3.Fields("Forecast_HW4") <> 0 Then
```

```
                    rst5.Edit
                    rst5.Fields("M").Value = ((rst3.Fields("Forecast_HW4") / 3) * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_HW4")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
                    rst5.Fields("EOQ").Value = (2 * 4 * rst3.Fields("Forecast_HW4") * rst5.Fields("Cost_Order") /
(rst5.Fields("Int_rate") * rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
                    rst5.Fields("Ro").Value = 12 / ((4 * rst3.Fields("Forecast_HW4") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
                    rst5.Update
                    rst5.Edit
                    rst5.Fields("S").Value = (rst3.Fields("Forecast_HW4") / 3) * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) +
(rst5.Fields("Z") * 1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_HW4")) ^ 0.7) *
(rst5.Fields("Ro") + rst5.Fields("Lead_Time")) ^ (1 / 2))
                    rst5.Update
                End If
                If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                    rst5.Edit
                    rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                    rst5.Update
                End If
                If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
                    rst5.Edit
                    rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                    rst5.Update
                End If
                If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                    rst5.Edit
                    rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                    rst5.Update
                End If
                If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
                    rst5.Edit
                    rst5.Fields("EOQ").Value = 1
                    rst5.Update
                End If
            Case 6
                If rst3.Fields("Forecast_HW6") <> 0 Then
                    rst5.Edit
                    rst5.Fields("M").Value = ((rst3.Fields("Forecast_HW6") / 6) * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_HW6")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
                    rst5.Fields("EOQ").Value = (2 * 2 * rst3.Fields("Forecast_HW6") * rst5.Fields("Cost_Order") /
(rst5.Fields("Int_rate") * rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
                    rst5.Fields("Ro").Value = 12 / ((2 * rst3.Fields("Forecast_HW6") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
                    rst5.Update
                    rst5.Edit
                    rst5.Fields("S").Value = (rst3.Fields("Forecast_HW6") / 6) * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) +
(rst5.Fields("Z") * 1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_HW6")) ^ 0.7) *
(rst5.Fields("Ro") + rst5.Fields("Lead_Time")) ^ (1 / 2))
                    rst5.Update
                End If
                If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                    rst5.Edit
                    rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                    rst5.Update
                End If
                If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
                    rst5.Edit
                    rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                    rst5.Update
                End If
                If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                    rst5.Edit
                    rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                    rst5.Update
                End If
                If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
```

```
                    rst5.Edit
                    rst5.Fields("EOQ").Value = 1
                    rst5.Update
                End If
            Case 12
                If rst3.Fields("Forecast_HW12") <> 0 Then
                    rst5.Edit
                    rst5.Fields("M").Value = (rst3.Fields("Forecast_HW12") * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_HW12")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
                    rst5.Fields("EOQ").Value = (2 * 12 * rst3.Fields("Forecast_HW12") * rst5.Fields("Cost_Order") /
(rst5.Fields("Int_rate") * rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
                    rst5.Fields("Ro").Value = 12 / ((12 * rst3.Fields("Forecast_HW12") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
                    rst5.Update
                    rst5.Edit
                    rst5.Fields("S").Value = rst3.Fields("Forecast_HW12") * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) +
(rst5.Fields("Z") * 1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_HW12")) ^ 0.7) *
(rst5.Fields("Ro") + rst5.Fields("Lead_Time")) ^ (1 / 2))
                    rst5.Update
                End If
                 If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                    rst5.Edit
                    rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                    rst5.Update
                End If
                If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
                    rst5.Edit
                    rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                    rst5.Update
                End If
                If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                    rst5.Edit
                    rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                    rst5.Update
                End If
                If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
                    rst5.Edit
                    rst5.Fields("EOQ").Value = 1
                    rst5.Update
                End If
        End Select
    Case "Holts"
                If rst3.Fields("Forecast_H") <> 0 Then
                    rst5.Edit
                    rst5.Fields("M").Value = (rst3.Fields("Forecast_H") * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_H")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
                    rst5.Fields("EOQ").Value = (2 * 12 * rst3.Fields("Forecast_H") * rst5.Fields("Cost_Order") / (rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
                    rst5.Fields("Ro").Value = 12 / ((12 * rst3.Fields("Forecast_H") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
                    rst5.Update
                    rst5.Edit
                    rst5.Fields("S").Value = rst3.Fields("Forecast_H") * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) +
(rst5.Fields("Z") * 1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_H")) ^ 0.7) * (rst5.Fields("Ro")
+ rst5.Fields("Lead_Time")) ^ (1 / 2))
                    rst5.Update
                Else
                If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                    rst5.Edit
                    rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                    rst5.Update
                End If
                If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
                    rst5.Edit
                    rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                    rst5.Update
```

```
                End If
                If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                   rst5.Edit
                   rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                   rst5.Update
                End If
                End If
                If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
                   rst5.Edit
                   rst5.Fields("EOQ").Value = 1
                   rst5.Update
                End If
          Case "Modified Croston"
             'Move to the last forecast different than zero
             Do Until rst3.Fields("Forecast_MC") > 0
                rst3.MovePrevious
                If rst3.BOF = True Then
                   Exit Do
                End If
             Loop
             rst4.Edit
                If rst3.Fields("Forecast_MC") <> 0 Then
                   rst5.Edit
                   rst5.Fields("M").Value = (rst3.Fields("Forecast_MC") * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_MC")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
                   rst5.Fields("EOQ").Value = (2 * 12 * rst3.Fields("Forecast_MC") * rst5.Fields("Cost_Order") / (rst5.Fields("Int_rate")
* rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
                   rst5.Fields("Ro").Value = 12 / ((12 * rst3.Fields("Forecast_MC") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
                   rst5.Update
                   rst5.Edit
                   rst5.Fields("S").Value = rst3.Fields("Forecast_MC") * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) +
(rst5.Fields("Z") * 1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_MC")) ^ 0.7) * (rst5.Fields("Ro")
+ rst5.Fields("Lead_Time")) ^ (1 / 2))
                   rst5.Update
                End If
                 If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                   rst5.Edit
                   rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                   rst5.Update
                End If
                If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
                   rst5.Edit
                   rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                   rst5.Update
                End If
                If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                   rst5.Edit
                   rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                   rst5.Update
                End If

                If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
                   rst5.Edit
                   rst5.Fields("EOQ").Value = 1
                   rst5.Update
                End If
          Case "Approximation to Croston"
             'Move to the last forecast different than zero
             Do Until rst3.Fields("Forecast_ACR") > 0
                rst3.MovePrevious
                If rst3.BOF = True Then
                   Exit Do
                End If
             Loop
                If rst3.Fields("Forecast_ACR") <> 0 Then
```

```
                rst5.Edit
                rst5.Fields("M").Value = (rst3.Fields("Forecast_ACR") * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_ACR")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
                rst5.Fields("EOQ").Value = (2 * 12 * rst3.Fields("Forecast_ACR") * rst5.Fields("Cost_Order") /
(rst5.Fields("Int_rate") * rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
                rst5.Fields("Ro").Value = 12 / ((12 * rst3.Fields("Forecast_ACR") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
                rst5.Update
                rst5.Edit
                rst5.Fields("S").Value = rst3.Fields("Forecast_ACR") * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) +
(rst5.Fields("Z") * 1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_ACR")) ^ 0.7) *
(rst5.Fields("Ro") + rst5.Fields("Lead_Time")) ^ (1 / 2))
                rst5.Update
            End If
            If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                rst5.Edit
                rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                rst5.Update
            End If
            If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
                rst5.Edit
                rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                rst5.Update
            End If
            If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                rst5.Edit
                rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                rst5.Update
            End If

            If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
                rst5.Edit
                rst5.Fields("EOQ").Value = 1
                rst5.Update
            End If
        Case "Single Exponential Smoothing"
            If rst3.Fields("Forecast_SE") <> 0 Then
                rst5.Edit
                rst5.Fields("M").Value = (rst3.Fields("Forecast_SE") * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_SE")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
                rst5.Fields("EOQ").Value = (2 * 12 * rst3.Fields("Forecast_SE") * rst5.Fields("Cost_Order") / (rst5.Fields("Int_rate")
* rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
                rst5.Fields("Ro").Value = 12 / ((12 * rst3.Fields("Forecast_SE") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
                rst5.Update
                rst5.Edit
                rst5.Fields("S").Value = rst3.Fields("Forecast_SE") * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) +
(rst5.Fields("Z") * 1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_SE")) ^ 0.7) * (rst5.Fields("Ro")
+ rst5.Fields("Lead_Time")) ^ (1 / 2))
                rst5.Update
            End If
             If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                rst5.Edit
                rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                rst5.Update
            End If
            If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
                rst5.Edit
                rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                rst5.Update
            End If
            If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                rst5.Edit
                rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                rst5.Update
            End If
```

```
                If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
                   rst5.Edit
                   rst5.Fields("EOQ").Value = 1
                   rst5.Update
                End If
          Case "Linear Regression for Deseasonalized data"
             Select Case rst4.Fields("LRD_s")
                Case 4
                   If rst3.Fields("Forecast_LRD4") <> 0 Then
                      rst5.Edit
                      rst5.Fields("M").Value = ((rst3.Fields("Forecast_LRD4") / 3) * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_LRD4")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
                      rst5.Fields("EOQ").Value = (2 * 4 * rst3.Fields("Forecast_LRD4") * rst5.Fields("Cost_Order") /
(rst5.Fields("Int_rate") * rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
                      rst5.Fields("Ro").Value = 12 / ((4 * rst3.Fields("Forecast_LRD4") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
                      rst5.Update
                      rst5.Edit
                      rst5.Fields("S").Value = (rst3.Fields("Forecast_LRD4") / 3) * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) +
(rst5.Fields("Z") * 1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_LRD4")) ^ 0.7) *
(rst5.Fields("Ro") + rst5.Fields("Lead_Time")) ^ (1 / 2))
                      rst5.Update
                   End If
                    If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                      rst5.Edit
                      rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                      rst5.Update
                   End If
                   If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
                      rst5.Edit
                      rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                      rst5.Update
                   End If
                   If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                      rst5.Edit
                      rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                      rst5.Update
                   End If

                   If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
                      rst5.Edit
                      rst5.Fields("EOQ").Value = 1
                      rst5.Update
                   End If
                Case 6
                   If rst3.Fields("Forecast_LRD6") <> 0 Then
                      rst5.Edit
                      rst5.Fields("M").Value = ((rst3.Fields("Forecast_LRD6") / 6) * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_LRD6")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
                      rst5.Fields("EOQ").Value = (2 * 2 * rst3.Fields("Forecast_LRD6") * rst5.Fields("Cost_Order") /
(rst5.Fields("Int_rate") * rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
                      rst5.Fields("Ro").Value = 12 / ((2 * rst3.Fields("Forecast_LRD6") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
                      rst5.Update
                      rst5.Edit
                      rst5.Fields("S").Value = (rst3.Fields("Forecast_LRD6") / 6) * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) +
(rst5.Fields("Z") * 1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_LRD6")) ^ 0.7) *
(rst5.Fields("Ro") + rst5.Fields("Lead_Time")) ^ (1 / 2))
                      rst5.Update
                   End If
                    If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                      rst5.Edit
                      rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                      rst5.Update
                   End If
                   If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
```

```
                    rst5.Edit
                    rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                    rst5.Update
                End If
                If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                    rst5.Edit
                    rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                    rst5.Update
                End If

                If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
                    rst5.Edit
                    rst5.Fields("EOQ").Value = 1
                    rst5.Update
                End If
            Case 12
                If rst3.Fields("Forecast_LRD12") <> 0 Then
                    rst5.Edit
                    rst5.Fields("M").Value = (rst3.Fields("Forecast_LRD12") * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_LRD12")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
                    rst5.Fields("EOQ").Value = (2 * 12 * rst3.Fields("Forecast_LRD12") * rst5.Fields("Cost_Order") /
(rst5.Fields("Int_rate") * rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
                    rst5.Fields("Ro").Value = 12 / ((12 * rst3.Fields("Forecast_LRD12") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
                    rst5.Update
                    rst5.Edit
                    rst5.Fields("S").Value = rst3.Fields("Forecast_LRD12") * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) +
(rst5.Fields("Z") * 1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_LRD12")) ^ 0.7) *
(rst5.Fields("Ro") + rst5.Fields("Lead_Time")) ^ (1 / 2))
                    rst5.Update
                End If
                 If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                    rst5.Edit
                    rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                    rst5.Update
                End If
                If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
                    rst5.Edit
                    rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                    rst5.Update
                End If
                If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                    rst5.Edit
                    rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                    rst5.Update
                End If

                If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
                    rst5.Edit
                    rst5.Fields("EOQ").Value = 1
                    rst5.Update
                End If
        End Select
    Case "Croston"
        'Move to the last forecast different than zero
          Do Until rst3.Fields("Forecast_CR") > 0
             rst3.MovePrevious
             If rst3.BOF = True Then
                Exit Do
             End If
          Loop
             If rst3.Fields("Forecast_CR") <> 0 Then
                rst5.Edit
                rst5.Fields("M").Value = (rst3.Fields("Forecast_CR") * rst5.Fields("Lead_Time")) + (rst5.Fields("Z") * 1.25 *
(rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_CR")) ^ 0.7) * rst5.Fields("Lead_Time") ^ (1 / 2))
                rst5.Fields("EOQ").Value = (2 * 12 * rst3.Fields("Forecast_CR") * rst5.Fields("Cost_Order") / (rst5.Fields("Int_rate")
```

```
* rst5.Fields("AvgOfUNIT_PRICE"))) ^ (1 / 2)
                    rst5.Fields("Ro").Value = 12 / ((12 * rst3.Fields("Forecast_CR") * rst5.Fields("Int_rate") *
rst5.Fields("AvgOfUNIT_PRICE") / (2 * rst5.Fields("Cost_Order"))) ^ (1 / 2))
                    rst5.Update
                    rst5.Edit
                    rst5.Fields("S").Value = rst3.Fields("Forecast_CR") * (rst5.Fields("Ro") + rst5.Fields("Lead_Time")) +
(rst5.Fields("Z") * 1.25 * (rst4.Fields("MAD_best") * (rst5.Fields("Lead_Time") / rst3.Fields("Forecast_CR")) ^ 0.7) * (rst5.Fields("Ro")
+ rst5.Fields("Lead_Time")) ^ (1 / 2))
                    rst5.Update
                End If
                 If rst5.Fields("M") <> Int(rst5.Fields("M")) Then
                    rst5.Edit
                    rst5.Fields("M").Value = Int(rst5.Fields("M")) + 1
                    rst5.Update
                End If
                If rst5.Fields("EOQ") <> Int(rst5.Fields("EOQ")) Then
                    rst5.Edit
                    rst5.Fields("EOQ").Value = Int(rst5.Fields("EOQ")) + 1
                    rst5.Update
                End If
                If rst5.Fields("S") <> Int(rst5.Fields("S")) Then
                    rst5.Edit
                    rst5.Fields("S").Value = Int(rst5.Fields("S")) + 1
                    rst5.Update
                End If

                If rst5.Fields("EOQ") > 0 And rst5.Fields("EOQ") < 1 Then
                    rst5.Edit
                    rst5.Fields("EOQ").Value = 1
                    rst5.Update
                End If
        End Select
        rst4.MoveNext
    Else
    rst4.MoveNext
    End If
Loop
rst3.Close
rst4.Close
Set rst3 = Nothing
Set rst4 = Nothing
End Sub
```

Appendix F: Raw Data

Table F- 1 Raw Data

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
0001-1102	2002	1	0	3400-10013	2006	7	0	827-1648-NJT	2004	10	40	9326-8100	1999	4	0
0001-1102	2002	2	5	3400-10013	2006	8	1	827-1648-NJT	2004	11	0	9326-8100	1999	5	0
0001-1102	2002	3	1	3400-10013	2006	9	0	827-1648-NJT	2004	12	0	9326-8100	1999	6	0
0001-1102	2002	4	0	3400-10013	2006	10	3	827-1648-NJT	2005	1	0	9326-8100	1999	7	0
0001-1102	2002	5	0	3400-10013	2006	11	0	827-1648-NJT	2005	2	40	9326-8100	1999	8	0
0001-1102	2002	6	0	3400-10013	2006	12	0	827-1648-NJT	2005	3	0	9326-8100	1999	9	0
0001-1102	2002	7	0	3400-10013	2007	1	0	827-1648-NJT	2005	4	0	9326-8100	1999	10	0
0001-1102	2002	8	0	3400-10013	2007	2	0	827-1648-NJT	2005	5	0	9326-8100	1999	11	0
0001-1102	2002	9	0	3400-10013	2007	3	0	827-1648-NJT	2005	6	0	9326-8100	1999	12	0
0001-1102	2002	10	0	3400-10013	2007	4	3	827-1648-NJT	2005	7	0	9326-8100	2000	1	0
0001-1102	2002	11	0	3400-10013	2007	5	0	827-1648-NJT	2005	8	40	9326-8100	2000	2	145
0001-1102	2002	12	0	3400-10013	2007	6	0	827-1648-NJT	2005	9	0	9326-8100	2000	3	0
0001-1102	2003	1	0	3400-10013	2007	7	0	827-1648-NJT	2005	10	0	9326-8100	2000	4	0
0001-1102	2003	2	0	3400-10013	2007	8	0	827-1648-NJT	2005	11	0	9326-8100	2000	5	0
0001-1102	2003	3	0	3400-10013	2007	9	1	827-1648-NJT	2005	12	0	9326-8100	2000	6	0
0001-1102	2003	4	0	3400-10013	2007	10	1	827-1648-NJT	2006	1	0	9326-8100	2000	7	0
0001-1102	2003	5	0	3400-10013	2007	11	1	827-1648-NJT	2006	2	0	9326-8100	2000	8	0
0001-1102	2003	6	2858	3400-10013	2007	12	0	827-1648-NJT	2006	3	11	9326-8100	2000	9	0
0001-1102	2003	7	0	3400-10013	2008	1	0	827-1648-NJT	2006	4	0	9326-8100	2000	10	0
0001-1102	2003	8	0	3400-10013	2008	2	0	827-1648-NJT	2006	5	40	9326-8100	2000	11	0
0001-1102	2003	9	0	3400-10013	2008	3	0	827-1648-NJT	2006	6	0	9326-8100	2000	12	0
0001-1102	2003	10	0	3400-10013	2008	4	0	827-1648-NJT	2006	7	0	9326-8100	2001	1	0
0001-1102	2003	11	0	3400-10013	2008	5	0	827-1648-NJT	2006	8	25	9326-8100	2001	2	0
0001-1102	2003	12	0	3400-10013	2008	6	0	827-1648-NJT	2006	9	0	9326-8100	2001	3	0
0001-1102	2004	1	0	3400-10013	2008	7	0	827-1648-NJT	2006	10	0	9326-8100	2001	4	0
0001-1102	2004	2	0	3400-10013	2008	8	1	827-1648-NJT	2006	11	13	9326-8100	2001	5	0
0001-1102	2004	3	0	3400-10013	2008	9	0	827-1648-NJT	2006	12	0	9326-8100	2001	6	0
0001-1102	2004	4	0	3400-10013	2008	10	0	827-1648-NJT	2007	1	0	9326-8100	2001	7	0
0001-1102	2004	5	0	3400-10013	2008	11	0	827-1648-NJT	2007	2	0	9326-8100	2001	8	0
0001-1102	2004	6	0	3400-10013	2008	12	0	827-1648-NJT	2007	3	300	9326-8100	2001	9	0
0001-1102	2004	7	0	3400-10013	2009	1	0	827-1648-NJT	2007	4	0	9326-8100	2001	10	0
0001-1102	2004	8	0	3400-10013	2009	2	0	827-1648-NJT	2007	5	0	9326-8100	2001	11	0
0001-1102	2004	9	0	3400-10013	2009	3	0	827-1648-NJT	2007	6	25	9326-8100	2001	12	0
0001-1102	2004	10	0	4-128-4366-8	2003	1	0	827-1648-NJT	2007	7	40	9326-8100	2002	1	0
0001-1102	2004	11	0	4-128-4366-8	2003	2	0	827-1648-NJT	2007	8	15	9326-8100	2002	2	0
0001-1102	2004	12	0	4-128-4366-8	2003	3	0	827-1648-NJT	2007	9	0	9326-8100	2002	3	0
0001-1102	2005	1	0	4-128-4366-8	2003	4	0	827-1648-NJT	2007	10	0	9326-8100	2002	4	0
0001-1102	2005	2	0	4-128-4366-8	2003	5	0	827-1648-NJT	2007	11	0	9326-8100	2002	5	0
0001-1102	2005	3	0	4-128-4366-8	2003	6	10	827-1648-NJT	2007	12	0	9326-8100	2002	6	0
0001-1102	2005	4	0	4-128-4366-8	2003	7	0	827-1648-NJT	2008	1	0	9326-8100	2002	7	0
0001-1102	2005	5	0	4-128-4366-8	2003	8	0	827-1648-NJT	2008	2	0	9326-8100	2002	8	0
0001-1102	2005	6	0	4-128-4366-8	2003	9	0	827-1648-NJT	2008	3	0	9326-8100	2002	9	0
0001-1102	2005	7	0	4-128-4366-8	2003	10	0	827-1648-NJT	2008	4	0	9326-8100	2002	10	0
0001-1102	2005	8	0	4-128-4366-8	2003	11	0	827-1648-NJT	2008	5	0	9326-8100	2002	11	0
0001-1102	2005	9	0	4-128-4366-8	2003	12	15	827-1648-NJT	2008	6	0	9326-8100	2002	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
0001-1102	2005	10	0	4-128-4366-8	2004	1	0	827-1648-NJT	2008	7	15	9326-8100	2003	1	0
0001-1102	2005	11	0	4-128-4366-8	2004	2	0	827-1648-NJT	2008	8	0	9326-8100	2003	2	0
0001-1102	2005	12	0	4-128-4366-8	2004	3	0	827-1648-NJT	2008	9	0	9326-8100	2003	3	16
0001-1102	2006	1	0	4-128-4366-8	2004	4	0	827-1648-NJT	2008	10	0	9326-8100	2003	4	0
0001-1102	2006	2	0	4-128-4366-8	2004	5	0	827-1648-NJT	2008	11	0	9326-8100	2003	5	0
0001-1102	2006	3	0	4-128-4366-8	2004	6	0	827-1648-NJT	2008	12	0	9326-8100	2003	6	0
0001-1102	2006	4	0	4-128-4366-8	2004	7	0	827-1648-NJT	2009	1	0	9326-8100	2003	7	0
0001-1102	2006	5	0	4-128-4366-8	2004	8	0	827-1648-NJT	2009	2	0	9326-8100	2003	8	0
0001-1102	2006	6	0	4-128-4366-8	2004	9	0	827-1648-NJT	2009	3	0	9326-8100	2003	9	0
0001-1102	2006	7	0	4-128-4366-8	2004	10	0	827-1668	1995	1	0	9326-8100	2003	10	0
0001-1102	2006	8	0	4-128-4366-8	2004	11	0	827-1668	1995	2	100	9326-8100	2003	11	30
0001-1102	2006	9	0	4-128-4366-8	2004	12	0	827-1668	1995	3	0	9326-8100	2003	12	0
0001-1102	2006	10	0	4-128-4366-8	2005	1	0	827-1668	1995	4	0	9326-8100	2004	1	0
0001-1102	2006	11	0	4-128-4366-8	2005	2	0	827-1668	1995	5	100	9326-8100	2004	2	0
0001-1102	2006	12	0	4-128-4366-8	2005	3	25	827-1668	1995	6	13	9326-8100	2004	3	17
0001-1102	2007	1	0	4-128-4366-8	2005	4	0	827-1668	1995	7	0	9326-8100	2004	4	0
0001-1102	2007	2	0	4-128-4366-8	2005	5	0	827-1668	1995	8	14	9326-8100	2004	5	0
0001-1102	2007	3	0	4-128-4366-8	2005	6	0	827-1668	1995	9	0	9326-8100	2004	6	0
0001-1102	2007	4	0	4-128-4366-8	2005	7	0	827-1668	1995	10	5	9326-8100	2004	7	0
0001-1102	2007	5	0	4-128-4366-8	2005	8	0	827-1668	1995	11	0	9326-8100	2004	8	0
0001-1102	2007	6	0	4-128-4366-8	2005	9	0	827-1668	1995	12	0	9326-8100	2004	9	0
0001-1102	2007	7	0	4-128-4366-8	2005	10	0	827-1668	1996	1	0	9326-8100	2004	10	0
0001-1102	2007	8	0	4-128-4366-8	2005	11	0	827-1668	1996	2	0	9326-8100	2004	11	0
0001-1102	2007	9	0	4-128-4366-8	2005	12	0	827-1668	1996	3	0	9326-8100	2004	12	0
0001-1102	2007	10	0	4-128-4366-8	2006	1	0	827-1668	1996	4	100	9326-8100	2005	1	0
0001-1102	2007	11	0	4-128-4366-8	2006	2	40	827-1668	1996	5	100	9326-8100	2005	2	82
0001-1102	2007	12	0	4-128-4366-8	2006	3	0	827-1668	1996	6	400	9326-8100	2005	3	0
0001-1102	2008	1	0	4-128-4366-8	2006	4	0	827-1668	1996	7	200	9326-8100	2005	4	0
0001-1102	2008	2	0	4-128-4366-8	2006	5	0	827-1668	1996	8	0	9326-8100	2005	5	45
0001-1102	2008	3	0	4-128-4366-8	2006	6	0	827-1668	1996	9	0	9326-8100	2005	6	0
0001-1102	2008	4	39	4-128-4366-8	2006	7	0	827-1668	1996	10	420	9326-8100	2005	7	0
0001-1102	2008	5	0	4-128-4366-8	2006	8	0	827-1668	1996	11	156	9326-8100	2005	8	0
0001-1102	2008	6	0	4-128-4366-8	2006	9	0	827-1668	1996	12	500	9326-8100	2005	9	0
0001-1102	2008	7	0	4-128-4366-8	2006	10	0	827-1668	1997	1	0	9326-8100	2005	10	0
0001-1102	2008	8	0	4-128-4366-8	2006	11	0	827-1668	1997	2	0	9326-8100	2005	11	70
0001-1102	2008	9	0	4-128-4366-8	2006	12	0	827-1668	1997	3	521	9326-8100	2005	12	0
0001-1102	2008	10	0	4-128-4366-8	2007	1	0	827-1668	1997	4	105	9326-8100	2006	1	0
0001-1102	2008	11	0	4-128-4366-8	2007	2	0	827-1668	1997	5	0	9326-8100	2006	2	0
0001-1102	2008	12	0	4-128-4366-8	2007	3	0	827-1668	1997	6	1200	9326-8100	2006	3	3
0001-1102	2009	1	0	4-128-4366-8	2007	4	70	827-1668	1997	7	42	9326-8100	2006	4	0
0001-1102	2009	2	0	4-128-4366-8	2007	5	0	827-1668	1997	8	0	9326-8100	2006	5	0
0001-1102	2009	3	0	4-128-4366-8	2007	6	0	827-1668	1997	9	0	9326-8100	2006	6	1
0001-1104	2003	1	0	4-128-4366-8	2007	7	10	827-1668	1997	10	0	9326-8100	2006	7	45
0001-1104	2003	2	592	4-128-4366-8	2007	8	0	827-1668	1997	11	0	9326-8100	2006	8	0
0001-1104	2003	3	0	4-128-4366-8	2007	9	0	827-1668	1997	12	0	9326-8100	2006	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
0001-1104	2003	4	0	4-128-4366-8	2007	10	0	827-1668	1998	1	0	9326-8100	2006	10	0
0001-1104	2003	5	0	4-128-4366-8	2007	11	0	827-1668	1998	2	0	9326-8100	2006	11	0
0001-1104	2003	6	0	4-128-4366-8	2007	12	0	827-1668	1998	3	0	9326-8100	2006	12	0
0001-1104	2003	7	0	4-128-4366-8	2008	1	0	827-1668	1998	4	0	9326-8100	2007	1	0
0001-1104	2003	8	0	4-128-4366-8	2008	2	0	827-1668	1998	5	8	9326-8100	2007	2	0
0001-1104	2003	9	0	4-128-4366-8	2008	3	0	827-1668	1998	6	0	9326-8100	2007	3	0
0001-1104	2003	10	0	4-128-4366-8	2008	4	0	827-1668	1998	7	200	9326-8100	2007	4	0
0001-1104	2003	11	5	4-128-4366-8	2008	5	0	827-1668	1998	8	6	9326-8100	2007	5	0
0001-1104	2003	12	4	4-128-4366-8	2008	6	0	827-1668	1998	9	150	9326-8100	2007	6	0
0001-1104	2004	1	0	4-128-4366-8	2008	7	0	827-1668	1998	10	40	9326-8100	2007	7	0
0001-1104	2004	2	0	4-128-4366-8	2008	8	0	827-1668	1998	11	778	9326-8100	2007	8	0
0001-1104	2004	3	0	4-128-4366-8	2008	9	0	827-1668	1998	12	566	9326-8100	2007	9	0
0001-1104	2004	4	0	4-128-4366-8	2008	10	0	827-1668	1999	1	10	9326-8100	2007	10	40
0001-1104	2004	5	0	4-128-4366-8	2008	11	0	827-1668	1999	2	10	9326-8100	2007	11	0
0001-1104	2004	6	0	4-128-4366-8	2008	12	0	827-1668	1999	3	0	9326-8100	2007	12	0
0001-1104	2004	7	0	4-128-4366-8	2009	1	0	827-1668	1999	4	140	9326-8100	2008	1	0
0001-1104	2004	8	0	4-128-4366-8	2009	2	0	827-1668	1999	5	42	9326-8100	2008	2	50
0001-1104	2004	9	10	4-128-4366-8	2009	3	0	827-1668	1999	6	20	9326-8100	2008	3	30
0001-1104	2004	10	147	4-269-3838-0	1996	1	0	827-1668	1999	7	14	9330-1001	2000	1	0
0001-1104	2004	11	182	4-269-3838-0	1996	2	400	827-1668	1999	8	20	9330-1001	2000	2	0
0001-1104	2004	12	10	4-269-3838-0	1996	3	0	827-1668	1999	9	96	9330-1001	2000	3	0
0001-1104	2005	1	0	4-269-3838-0	1996	4	0	827-1668	1999	10	20	9330-1001	2000	4	0
0001-1104	2005	2	20	4-269-3838-0	1996	5	520	827-1668	1999	11	0	9330-1001	2000	5	0
0001-1104	2005	3	2199	4-269-3838-0	1996	6	0	827-1668	1999	12	0	9330-1001	2000	6	0
0001-1104	2005	4	2	4-269-3838-0	1996	7	0	827-1668	2000	1	0	9330-1001	2000	7	0
0001-1104	2005	5	0	4-269-3838-0	1996	8	0	827-1668	2000	2	0	9330-1001	2000	8	21
0001-1104	2005	6	35	4-269-3838-0	1996	9	0	827-1668	2000	3	0	9330-1001	2000	9	0
0001-1104	2005	7	40	4-269-3838-0	1996	10	0	827-1668	2000	4	0	9330-1001	2000	10	0
0001-1104	2005	8	4	4-269-3838-0	1996	11	0	827-1668	2000	5	0	9330-1001	2000	11	0
0001-1104	2005	9	0	4-269-3838-0	1996	12	0	827-1668	2000	6	0	9330-1001	2000	12	0
0001-1104	2005	10	65	4-269-3838-0	1997	1	0	827-1668	2000	7	0	9330-1001	2001	1	0
0001-1104	2005	11	0	4-269-3838-0	1997	2	80	827-1668	2000	8	36	9330-1001	2001	2	0
0001-1104	2005	12	1	4-269-3838-0	1997	3	280	827-1668	2000	9	6	9330-1001	2001	3	0
0001-1104	2006	1	14	4-269-3838-0	1997	4	400	827-1668	2000	10	0	9330-1001	2001	4	0
0001-1104	2006	2	4	4-269-3838-0	1997	5	0	827-1668	2000	11	0	9330-1001	2001	5	0
0001-1104	2006	3	0	4-269-3838-0	1997	6	0	827-1668	2000	12	0	9330-1001	2001	6	0
0001-1104	2006	4	0	4-269-3838-0	1997	7	0	827-1668	2001	1	0	9330-1001	2001	7	0
0001-1104	2006	5	70	4-269-3838-0	1997	8	0	827-1668	2001	2	0	9330-1001	2001	8	0
0001-1104	2006	6	127	4-269-3838-0	1997	9	0	827-1668	2001	3	10	9330-1001	2001	9	0
0001-1104	2006	7	0	4-269-3838-0	1997	10	0	827-1668	2001	4	30	9330-1001	2001	10	0
0001-1104	2006	8	30	4-269-3838-0	1997	11	0	827-1668	2001	5	0	9330-1001	2001	11	8
0001-1104	2006	9	0	4-269-3838-0	1997	12	0	827-1668	2001	6	0	9330-1001	2001	12	0
0001-1104	2006	10	6	4-269-3838-0	1998	1	400	827-1668	2001	7	0	9330-1001	2002	1	0
0001-1104	2006	11	0	4-269-3838-0	1998	2	0	827-1668	2001	8	0	9330-1001	2002	2	0
0001-1104	2006	12	0	4-269-3838-0	1998	3	0	827-1668	2001	9	0	9330-1001	2002	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
0001-1104	2007	1	10	4-269-3838-0	1998	4	0	827-1668	2001	10	0	9330-1001	2002	4	0
0001-1104	2007	2	31	4-269-3838-0	1998	5	0	827-1668	2001	11	0	9330-1001	2002	5	0
0001-1104	2007	3	32	4-269-3838-0	1998	6	0	827-1668	2001	12	30	9330-1001	2002	6	0
0001-1104	2007	4	0	4-269-3838-0	1998	7	0	827-1668	2002	1	0	9330-1001	2002	7	0
0001-1104	2007	5	0	4-269-3838-0	1998	8	0	827-1668	2002	2	0	9330-1001	2002	8	0
0001-1104	2007	6	43	4-269-3838-0	1998	9	0	827-1668	2002	3	0	9330-1001	2002	9	0
0001-1104	2007	7	0	4-269-3838-0	1998	10	0	827-1668	2002	4	0	9330-1001	2002	10	0
0001-1104	2007	8	5	4-269-3838-0	1998	11	0	827-1668	2002	5	0	9330-1001	2002	11	0
0001-1104	2007	9	2	4-269-3838-0	1998	12	0	827-1668	2002	6	90	9330-1001	2002	12	0
0001-1104	2007	10	0	4-269-3838-0	1999	1	0	827-1668	2002	7	24	9330-1001	2003	1	0
0001-1104	2007	11	22	4-269-3838-0	1999	2	0	827-1668	2002	8	0	9330-1001	2003	2	0
0001-1104	2007	12	13	4-269-3838-0	1999	3	0	827-1668	2002	9	0	9330-1001	2003	3	0
0001-1104	2008	1	4	4-269-3838-0	1999	4	0	827-1668	2002	10	0	9330-1001	2003	4	0
0001-1104	2008	2	0	4-269-3838-0	1999	5	0	827-1668	2002	11	0	9330-1001	2003	5	0
0001-1104	2008	3	8	4-269-3838-0	1999	6	0	827-1668	2002	12	0	9330-1001	2003	6	0
0001-1104	2008	4	35	4-269-3838-0	1999	7	500	827-1668	2003	1	35	9330-1001	2003	7	0
0001-1104	2008	5	52	4-269-3838-0	1999	8	0	827-1668	2003	2	20	9330-1001	2003	8	0
0001-1104	2008	6	0	4-269-3838-0	1999	9	0	827-1668	2003	3	350	9330-1001	2003	9	0
0001-1104	2008	7	12	4-269-3838-0	1999	10	0	827-1668	2003	4	20	9330-1001	2003	10	0
0001-1104	2008	8	0	4-269-3838-0	1999	11	0	827-1668	2003	5	30	9330-1001	2003	11	0
0001-1104	2008	9	0	4-269-3838-0	1999	12	0	827-1668	2003	6	702	9330-1001	2003	12	0
0001-1104	2008	10	14	4-269-3838-0	2000	1	0	827-1668	2003	7	20	9330-1001	2004	1	0
0001-1104	2008	11	320	4-269-3838-0	2000	2	0	827-1668	2003	8	100	9330-1001	2004	2	0
0001-1104	2008	12	6	4-269-3838-0	2000	3	0	827-1668	2003	9	30	9330-1001	2004	3	0
0001-1104	2009	1	0	4-269-3838-0	2000	4	0	827-1668	2003	10	0	9330-1001	2004	4	0
0001-1104	2009	2	0	4-269-3838-0	2000	5	0	827-1668	2003	11	0	9330-1001	2004	5	0
0001-1104	2009	3	0	4-269-3838-0	2000	6	0	827-1668	2003	12	0	9330-1001	2004	6	0
0001-1129	2002	1	0	4-269-3838-0	2000	7	0	827-1668	2004	1	20	9330-1001	2004	7	0
0001-1129	2002	2	100	4-269-3838-0	2000	8	0	827-1668	2004	2	0	9330-1001	2004	8	0
0001-1129	2002	3	113	4-269-3838-0	2000	9	0	827-1668	2004	3	0	9330-1001	2004	9	0
0001-1129	2002	4	2	4-269-3838-0	2000	10	0	827-1668	2004	4	20	9330-1001	2004	10	0
0001-1129	2002	5	27	4-269-3838-0	2000	11	0	827-1668	2004	5	500	9330-1001	2004	11	0
0001-1129	2002	6	0	4-269-3838-0	2000	12	0	827-1668	2004	6	0	9330-1001	2004	12	0
0001-1129	2002	7	9	4-269-3838-0	2001	1	0	827-1668	2004	7	80	9330-1001	2005	1	0
0001-1129	2002	8	472	4-269-3838-0	2001	2	0	827-1668	2004	8	6	9330-1001	2005	2	0
0001-1129	2002	9	20	4-269-3838-0	2001	3	0	827-1668	2004	9	70	9330-1001	2005	3	0
0001-1129	2002	10	45	4-269-3838-0	2001	4	0	827-1668	2004	10	0	9330-1001	2005	4	0
0001-1129	2002	11	261	4-269-3838-0	2001	5	0	827-1668	2004	11	0	9330-1001	2005	5	0
0001-1129	2002	12	3	4-269-3838-0	2001	6	0	827-1668	2004	12	0	9330-1001	2005	6	0
0001-1129	2003	1	55	4-269-3838-0	2001	7	0	827-1668	2005	1	0	9330-1001	2005	7	0
0001-1129	2003	2	53	4-269-3838-0	2001	8	0	827-1668	2005	2	0	9330-1001	2005	8	0
0001-1129	2003	3	101	4-269-3838-0	2001	9	0	827-1668	2005	3	26	9330-1001	2005	9	23
0001-1129	2003	4	37	4-269-3838-0	2001	10	0	827-1668	2005	4	0	9330-1001	2005	10	0
0001-1129	2003	5	82	4-269-3838-0	2001	11	0	827-1668	2005	5	0	9330-1001	2005	11	0
0001-1129	2003	6	115	4-269-3838-0	2001	12	0	827-1668	2005	6	500	9330-1001	2005	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
0001-1129	2003	7	5	4-269-3838-0	2002	1	0	827-1668	2005	7	0	9330-1001	2006	1	0
0001-1129	2003	8	15	4-269-3838-0	2002	2	0	827-1668	2005	8	103	9330-1001	2006	2	0
0001-1129	2003	9	378	4-269-3838-0	2002	3	0	827-1668	2005	9	0	9330-1001	2006	3	0
0001-1129	2003	10	0	4-269-3838-0	2002	4	0	827-1668	2005	10	0	9330-1001	2006	4	0
0001-1129	2003	11	338	4-269-3838-0	2002	5	0	827-1668	2005	11	0	9330-1001	2006	5	2
0001-1129	2003	12	10	4-269-3838-0	2002	6	0	827-1668	2005	12	0	9330-1001	2006	6	0
0001-1129	2004	1	2	4-269-3838-0	2002	7	0	827-1668	2006	1	0	9330-1001	2006	7	0
0001-1129	2004	2	0	4-269-3838-0	2002	8	0	827-1668	2006	2	0	9330-1001	2006	8	0
0001-1129	2004	3	59	4-269-3838-0	2002	9	0	827-1668	2006	3	500	9330-1001	2006	9	0
0001-1129	2004	4	646	4-269-3838-0	2002	10	0	827-1668	2006	4	0	9330-1001	2006	10	0
0001-1129	2004	5	106	4-269-3838-0	2002	11	0	827-1668	2006	5	0	9330-1001	2006	11	0
0001-1129	2004	6	11	4-269-3838-0	2002	12	1000	827-1668	2006	6	20	9330-1001	2006	12	0
0001-1129	2004	7	3	4-269-3838-0	2003	1	0	827-1668	2006	7	26	9330-1001	2007	1	3
0001-1129	2004	8	511	4-269-3838-0	2003	2	0	827-1668	2006	8	30	9330-1001	2007	2	0
0001-1129	2004	9	55	4-269-3838-0	2003	3	0	827-1668	2006	9	500	9330-1001	2007	3	0
0001-1129	2004	10	2	4-269-3838-0	2003	4	0	827-1668	2006	10	0	9330-1001	2007	4	0
0001-1129	2004	11	96	4-269-3838-0	2003	5	0	827-1668	2006	11	0	9330-1001	2007	5	0
0001-1129	2004	12	108	4-269-3838-0	2003	6	0	827-1668	2006	12	0	9330-1001	2007	6	0
0001-1129	2005	1	2	4-269-3838-0	2003	7	0	827-1668	2007	1	0	9330-1001	2007	7	0
0001-1129	2005	2	0	4-269-3838-0	2003	8	0	827-1668	2007	2	0	9330-1001	2007	8	0
0001-1129	2005	3	2	4-269-3838-0	2003	9	0	827-1668	2007	3	750	9330-1001	2007	9	0
0001-1129	2005	4	0	4-269-3838-0	2003	10	1000	827-1668	2007	4	5	9330-1001	2007	10	0
0001-1129	2005	5	16	4-269-3838-0	2003	11	0	827-1668	2007	5	0	9330-1001	2007	11	0
0001-1129	2005	6	402	4-269-3838-0	2003	12	0	827-1668	2007	6	630	9330-1001	2007	12	0
0001-1129	2005	7	11	4-269-3838-0	2004	1	0	827-1668	2007	7	0	9330-1001	2008	1	0
0001-1129	2005	8	445	4-269-3838-0	2004	2	0	827-1668	2007	8	0	9330-1001	2008	2	0
0001-1129	2005	9	29	4-269-3838-0	2004	3	0	827-1668	2007	9	0	9330-1001	2008	3	0
0001-1129	2005	10	19	4-269-3838-0	2004	4	0	827-1668	2007	10	0	9330-1001	2008	4	0
0001-1129	2005	11	470	4-269-3838-0	2004	5	0	827-1668	2007	11	0	9330-1001	2008	5	0
0001-1129	2005	12	70	4-269-3838-0	2004	6	0	827-1668	2007	12	0	9330-1001	2008	6	0
0001-1129	2006	1	6	4-269-3838-0	2004	7	1000	827-1668	2008	1	0	9330-1001	2008	7	0
0001-1129	2006	2	82	4-269-3838-0	2004	8	0	827-1668	2008	2	320	9330-1001	2008	8	0
0001-1129	2006	3	22	4-269-3838-0	2004	9	0	827-1668	2008	3	0	9330-1001	2008	9	0
0001-1129	2006	4	5	4-269-3838-0	2004	10	0	827-1668	2008	4	0	9330-1001	2008	10	0
0001-1129	2006	5	52	4-269-3838-0	2004	11	0	827-1668	2008	5	500	9330-1001	2008	11	0
0001-1129	2006	6	0	4-269-3838-0	2004	12	0	827-1668	2008	6	0	9330-1001	2008	12	0
0001-1129	2006	7	87	4-269-3838-0	2005	1	0	827-1668	2008	7	0	9330-1001	2009	1	0
0001-1129	2006	8	424	4-269-3838-0	2005	2	0	827-1668	2008	8	0	9330-1001	2009	2	0
0001-1129	2006	9	47	4-269-3838-0	2005	3	0	827-1668	2008	9	0	9330-1001	2009	3	0
0001-1129	2006	10	2	4-269-3838-0	2005	4	0	827-1668	2008	10	0	9330-1003	2000	1	0
0001-1129	2006	11	18	4-269-3838-0	2005	5	0	827-1668	2008	11	0	9330-1003	2000	2	0
0001-1129	2006	12	14	4-269-3838-0	2005	6	0	827-1668	2008	12	0	9330-1003	2000	3	0
0001-1129	2007	1	580	4-269-3838-0	2005	7	0	827-1668	2009	1	0	9330-1003	2000	4	0
0001-1129	2007	2	25	4-269-3838-0	2005	8	0	827-1668	2009	2	0	9330-1003	2000	5	0
0001-1129	2007	3	1501	4-269-3838-0	2005	9	0	827-1668	2009	3	0	9330-1003	2000	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
0001-1129	2007	4	19	4-269-3838-0	2005	10	0	827-1700	1995	1	0	9330-1003	2000	7	0
0001-1129	2007	5	69	4-269-3838-0	2005	11	0	827-1700	1995	2	0	9330-1003	2000	8	16
0001-1129	2007	6	115	4-269-3838-0	2005	12	0	827-1700	1995	3	0	9330-1003	2000	9	0
0001-1129	2007	7	38	4-269-3838-0	2006	1	0	827-1700	1995	4	6	9330-1003	2000	10	0
0001-1129	2007	8	81	4-269-3838-0	2006	2	0	827-1700	1995	5	0	9330-1003	2000	11	0
0001-1129	2007	9	100	4-269-3838-0	2006	3	0	827-1700	1995	6	0	9330-1003	2000	12	0
0001-1129	2007	10	462	4-269-3838-0	2006	4	0	827-1700	1995	7	0	9330-1003	2001	1	0
0001-1129	2007	11	47	4-269-3838-0	2006	5	0	827-1700	1995	8	0	9330-1003	2001	2	0
0001-1129	2007	12	4	4-269-3838-0	2006	6	0	827-1700	1995	9	0	9330-1003	2001	3	0
0001-1129	2008	1	470	4-269-3838-0	2006	7	0	827-1700	1995	10	0	9330-1003	2001	4	0
0001-1129	2008	2	25	4-269-3838-0	2006	8	0	827-1700	1995	11	50	9330-1003	2001	5	0
0001-1129	2008	3	15	4-269-3838-0	2006	9	0	827-1700	1995	12	10	9330-1003	2001	6	0
0001-1129	2008	4	42	4-269-3838-0	2006	10	0	827-1700	1996	1	0	9330-1003	2001	7	0
0001-1129	2008	5	352	4-269-3838-0	2006	11	0	827-1700	1996	2	0	9330-1003	2001	8	0
0001-1129	2008	6	32	4-269-3838-0	2006	12	0	827-1700	1996	3	0	9330-1003	2001	9	0
0001-1129	2008	7	38	4-269-3838-0	2007	1	0	827-1700	1996	4	0	9330-1003	2001	10	0
0001-1129	2008	8	24	4-269-3838-0	2007	2	0	827-1700	1996	5	0	9330-1003	2001	11	8
0001-1129	2008	9	44	4-269-3838-0	2007	3	0	827-1700	1996	6	0	9330-1003	2001	12	0
0001-1129	2008	10	533	4-269-3838-0	2007	4	0	827-1700	1996	7	0	9330-1003	2002	1	0
0001-1129	2008	11	426	4-269-3838-0	2007	5	0	827-1700	1996	8	0	9330-1003	2002	2	0
0001-1129	2008	12	24	4-269-3838-0	2007	6	0	827-1700	1996	9	0	9330-1003	2002	3	0
0001-1129	2009	1	5	4-269-3838-0	2007	7	0	827-1700	1996	10	0	9330-1003	2002	4	0
0001-1129	2009	2	0	4-269-3838-0	2007	8	0	827-1700	1996	11	0	9330-1003	2002	5	0
0001-1129	2009	3	0	4-269-3838-0	2007	9	0	827-1700	1996	12	0	9330-1003	2002	6	0
0001-7047	2003	1	3	4-269-3838-0	2007	10	0	827-1700	1997	1	0	9330-1003	2002	7	0
0001-7047	2003	2	0	4-269-3838-0	2007	11	1100	827-1700	1997	2	32	9330-1003	2002	8	0
0001-7047	2003	3	0	4-269-3838-0	2007	12	0	827-1700	1997	3	0	9330-1003	2002	9	0
0001-7047	2003	4	6	4-269-3838-0	2008	1	0	827-1700	1997	4	0	9330-1003	2002	10	0
0001-7047	2003	5	0	4-269-3838-0	2008	2	0	827-1700	1997	5	0	9330-1003	2002	11	0
0001-7047	2003	6	30	4-269-3838-0	2008	3	0	827-1700	1997	6	0	9330-1003	2002	12	0
0001-7047	2003	7	0	4-269-3838-0	2008	4	0	827-1700	1997	7	0	9330-1003	2003	1	0
0001-7047	2003	8	0	4-269-3838-0	2008	5	0	827-1700	1997	8	0	9330-1003	2003	2	0
0001-7047	2003	9	0	4-269-3838-0	2008	6	0	827-1700	1997	9	0	9330-1003	2003	3	0
0001-7047	2003	10	0	4-269-3838-0	2008	7	0	827-1700	1997	10	0	9330-1003	2003	4	0
0001-7047	2003	11	0	4-269-3838-0	2008	8	0	827-1700	1997	11	0	9330-1003	2003	5	0
0001-7047	2003	12	4	4-269-3838-0	2008	9	0	827-1700	1997	12	0	9330-1003	2003	6	0
0001-7047	2004	1	0	4-269-3838-0	2008	10	0	827-1700	1998	1	0	9330-1003	2003	7	0
0001-7047	2004	2	0	4-269-3838-0	2008	11	0	827-1700	1998	2	0	9330-1003	2003	8	0
0001-7047	2004	3	5	4-269-3838-0	2008	12	0	827-1700	1998	3	0	9330-1003	2003	9	0
0001-7047	2004	4	8	4-269-3838-0	2009	1	0	827-1700	1998	4	0	9330-1003	2003	10	0
0001-7047	2004	5	0	4-269-3838-0	2009	2	0	827-1700	1998	5	0	9330-1003	2003	11	0
0001-7047	2004	6	0	4-269-3838-0	2009	3	0	827-1700	1998	6	20	9330-1003	2003	12	0
0001-7047	2004	7	0	4-269-3849-0	1996	1	0	827-1700	1998	7	0	9330-1003	2004	1	0
0001-7047	2004	8	0	4-269-3849-0	1996	2	0	827-1700	1998	8	0	9330-1003	2004	2	0
0001-7047	2004	9	0	4-269-3849-0	1996	3	800	827-1700	1998	9	0	9330-1003	2004	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
0001-7047	2004	10	10	4-269-3849-0	1996	4	0	827-1700	1998	10	0	9330-1003	2004	4	0
0001-7047	2004	11	0	4-269-3849-0	1996	5	0	827-1700	1998	11	0	9330-1003	2004	5	0
0001-7047	2004	12	0	4-269-3849-0	1996	6	0	827-1700	1998	12	0	9330-1003	2004	6	0
0001-7047	2005	1	6	4-269-3849-0	1996	7	0	827-1700	1999	1	0	9330-1003	2004	7	0
0001-7047	2005	2	0	4-269-3849-0	1996	8	0	827-1700	1999	2	0	9330-1003	2004	8	0
0001-7047	2005	3	0	4-269-3849-0	1996	9	0	827-1700	1999	3	0	9330-1003	2004	9	0
0001-7047	2005	4	0	4-269-3849-0	1996	10	0	827-1700	1999	4	0	9330-1003	2004	10	1
0001-7047	2005	5	1	4-269-3849-0	1996	11	0	827-1700	1999	5	0	9330-1003	2004	11	0
0001-7047	2005	6	5	4-269-3849-0	1996	12	600	827-1700	1999	6	0	9330-1003	2004	12	0
0001-7047	2005	7	8	4-269-3849-0	1997	1	0	827-1700	1999	7	0	9330-1003	2005	1	0
0001-7047	2005	8	0	4-269-3849-0	1997	2	0	827-1700	1999	8	0	9330-1003	2005	2	0
0001-7047	2005	9	1	4-269-3849-0	1997	3	1040	827-1700	1999	9	0	9330-1003	2005	3	0
0001-7047	2005	10	23	4-269-3849-0	1997	4	0	827-1700	1999	10	0	9330-1003	2005	4	0
0001-7047	2005	11	1	4-269-3849-0	1997	5	0	827-1700	1999	11	0	9330-1003	2005	5	0
0001-7047	2005	12	0	4-269-3849-0	1997	6	0	827-1700	1999	12	0	9330-1003	2005	6	0
0001-7047	2006	1	5	4-269-3849-0	1997	7	0	827-1700	2000	1	0	9330-1003	2005	7	0
0001-7047	2006	2	0	4-269-3849-0	1997	8	0	827-1700	2000	2	0	9330-1003	2005	8	0
0001-7047	2006	3	6	4-269-3849-0	1997	9	0	827-1700	2000	3	0	9330-1003	2005	9	30
0001-7047	2006	4	1	4-269-3849-0	1997	10	0	827-1700	2000	4	0	9330-1003	2005	10	0
0001-7047	2006	5	10	4-269-3849-0	1997	11	0	827-1700	2000	5	0	9330-1003	2005	11	0
0001-7047	2006	6	82	4-269-3849-0	1997	12	0	827-1700	2000	6	0	9330-1003	2005	12	0
0001-7047	2006	7	0	4-269-3849-0	1998	1	0	827-1700	2000	7	0	9330-1003	2006	1	0
0001-7047	2006	8	20	4-269-3849-0	1998	2	0	827-1700	2000	8	0	9330-1003	2006	2	0
0001-7047	2006	9	0	4-269-3849-0	1998	3	0	827-1700	2000	9	21	9330-1003	2006	3	0
0001-7047	2006	10	0	4-269-3849-0	1998	4	0	827-1700	2000	10	0	9330-1003	2006	4	0
0001-7047	2006	11	57	4-269-3849-0	1998	5	0	827-1700	2000	11	0	9330-1003	2006	5	0
0001-7047	2006	12	0	4-269-3849-0	1998	6	0	827-1700	2000	12	0	9330-1003	2006	6	0
0001-7047	2007	1	0	4-269-3849-0	1998	7	0	827-1700	2001	1	0	9330-1003	2006	7	0
0001-7047	2007	2	0	4-269-3849-0	1998	8	0	827-1700	2001	2	0	9330-1003	2006	8	0
0001-7047	2007	3	4	4-269-3849-0	1998	9	0	827-1700	2001	3	0	9330-1003	2006	9	0
0001-7047	2007	4	6	4-269-3849-0	1998	10	0	827-1700	2001	4	0	9330-1003	2006	10	0
0001-7047	2007	5	0	4-269-3849-0	1998	11	0	827-1700	2001	5	0	9330-1003	2006	11	0
0001-7047	2007	6	0	4-269-3849-0	1998	12	0	827-1700	2001	6	0	9330-1003	2006	12	0
0001-7047	2007	7	0	4-269-3849-0	1999	1	0	827-1700	2001	7	0	9330-1003	2007	1	1
0001-7047	2007	8	0	4-269-3849-0	1999	2	0	827-1700	2001	8	12	9330-1003	2007	2	0
0001-7047	2007	9	0	4-269-3849-0	1999	3	0	827-1700	2001	9	2	9330-1003	2007	3	0
0001-7047	2007	10	0	4-269-3849-0	1999	4	0	827-1700	2001	10	0	9330-1003	2007	4	0
0001-7047	2007	11	10	4-269-3849-0	1999	5	0	827-1700	2001	11	0	9330-1003	2007	5	0
0001-7047	2007	12	0	4-269-3849-0	1999	6	0	827-1700	2001	12	0	9330-1003	2007	6	0
0001-7047	2008	1	0	4-269-3849-0	1999	7	0	827-1700	2002	1	0	9330-1003	2007	7	0
0001-7047	2008	2	0	4-269-3849-0	1999	8	0	827-1700	2002	2	0	9330-1003	2007	8	0
0001-7047	2008	3	0	4-269-3849-0	1999	9	0	827-1700	2002	3	0	9330-1003	2007	9	0
0001-7047	2008	4	0	4-269-3849-0	1999	10	0	827-1700	2002	4	0	9330-1003	2007	10	0
0001-7047	2008	5	0	4-269-3849-0	1999	11	0	827-1700	2002	5	0	9330-1003	2007	11	0
0001-7047	2008	6	0	4-269-3849-0	1999	12	0	827-1700	2002	6	0	9330-1003	2007	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
0001-7047	2008	7	0	4-269-3849-0	2000	1	0	827-1700	2002	7	0	9330-1003	2008	1	0
0001-7047	2008	8	0	4-269-3849-0	2000	2	0	827-1700	2002	8	0	9330-1003	2008	2	0
0001-7047	2008	9	0	4-269-3849-0	2000	3	0	827-1700	2002	9	0	9330-1003	2008	3	0
0001-7047	2008	10	10	4-269-3849-0	2000	4	0	827-1700	2002	10	0	9330-1003	2008	4	0
0001-7047	2008	11	0	4-269-3849-0	2000	5	0	827-1700	2002	11	0	9330-1003	2008	5	0
0001-7047	2008	12	0	4-269-3849-0	2000	6	0	827-1700	2002	12	0	9330-1003	2008	6	0
0001-7047	2009	1	0	4-269-3849-0	2000	7	0	827-1700	2003	1	0	9330-1003	2008	7	0
0001-7047	2009	2	0	4-269-3849-0	2000	8	0	827-1700	2003	2	0	9330-1003	2008	8	0
0001-7047	2009	3	0	4-269-3849-0	2000	9	0	827-1700	2003	3	0	9330-1003	2008	9	0
0001-7054	2003	1	0	4-269-3849-0	2000	10	0	827-1700	2003	4	0	9330-1003	2008	10	0
0001-7054	2003	2	32	4-269-3849-0	2000	11	0	827-1700	2003	5	0	9330-1003	2008	11	0
0001-7054	2003	3	0	4-269-3849-0	2000	12	1400	827-1700	2003	6	50	9330-1003	2008	12	0
0001-7054	2003	4	2	4-269-3849-0	2001	1	0	827-1700	2003	7	0	9330-1003	2009	1	0
0001-7054	2003	5	0	4-269-3849-0	2001	2	0	827-1700	2003	8	0	9330-1003	2009	2	0
0001-7054	2003	6	0	4-269-3849-0	2001	3	0	827-1700	2003	9	0	9330-1003	2009	3	0
0001-7054	2003	7	4	4-269-3849-0	2001	4	0	827-1700	2003	10	0	9330-1007	2000	1	0
0001-7054	2003	8	0	4-269-3849-0	2001	5	0	827-1700	2003	11	0	9330-1007	2000	2	0
0001-7054	2003	9	2	4-269-3849-0	2001	6	0	827-1700	2003	12	0	9330-1007	2000	3	0
0001-7054	2003	10	1	4-269-3849-0	2001	7	0	827-1700	2004	1	0	9330-1007	2000	4	0
0001-7054	2003	11	0	4-269-3849-0	2001	8	0	827-1700	2004	2	0	9330-1007	2000	5	0
0001-7054	2003	12	0	4-269-3849-0	2001	9	1850	827-1700	2004	3	0	9330-1007	2000	6	0
0001-7054	2004	1	0	4-269-3849-0	2001	10	0	827-1700	2004	4	0	9330-1007	2000	7	0
0001-7054	2004	2	1	4-269-3849-0	2001	11	0	827-1700	2004	5	0	9330-1007	2000	8	16
0001-7054	2004	3	1	4-269-3849-0	2001	12	0	827-1700	2004	6	0	9330-1007	2000	9	0
0001-7054	2004	4	0	4-269-3849-0	2002	1	0	827-1700	2004	7	0	9330-1007	2000	10	0
0001-7054	2004	5	0	4-269-3849-0	2002	2	0	827-1700	2004	8	0	9330-1007	2000	11	0
0001-7054	2004	6	0	4-269-3849-0	2002	3	0	827-1700	2004	9	0	9330-1007	2000	12	0
0001-7054	2004	7	0	4-269-3849-0	2002	4	0	827-1700	2004	10	0	9330-1007	2001	1	0
0001-7054	2004	8	0	4-269-3849-0	2002	5	0	827-1700	2004	11	0	9330-1007	2001	2	0
0001-7054	2004	9	0	4-269-3849-0	2002	6	0	827-1700	2004	12	0	9330-1007	2001	3	0
0001-7054	2004	10	3	4-269-3849-0	2002	7	0	827-1700	2005	1	0	9330-1007	2001	4	0
0001-7054	2004	11	0	4-269-3849-0	2002	8	726	827-1700	2005	2	0	9330-1007	2001	5	0
0001-7054	2004	12	1	4-269-3849-0	2002	9	0	827-1700	2005	3	0	9330-1007	2001	6	0
0001-7054	2005	1	24	4-269-3849-0	2002	10	0	827-1700	2005	4	0	9330-1007	2001	7	0
0001-7054	2005	2	2	4-269-3849-0	2002	11	0	827-1700	2005	5	26	9330-1007	2001	8	0
0001-7054	2005	3	15	4-269-3849-0	2002	12	1000	827-1700	2005	6	0	9330-1007	2001	9	0
0001-7054	2005	4	0	4-269-3849-0	2003	1	0	827-1700	2005	7	0	9330-1007	2001	10	0
0001-7054	2005	5	2	4-269-3849-0	2003	2	0	827-1700	2005	8	5	9330-1007	2001	11	8
0001-7054	2005	6	0	4-269-3849-0	2003	3	0	827-1700	2005	9	26	9330-1007	2001	12	0
0001-7054	2005	7	10	4-269-3849-0	2003	4	0	827-1700	2005	10	2	9330-1007	2002	1	0
0001-7054	2005	8	0	4-269-3849-0	2003	5	0	827-1700	2005	11	0	9330-1007	2002	2	0
0001-7054	2005	9	0	4-269-3849-0	2003	6	1500	827-1700	2005	12	0	9330-1007	2002	3	0
0001-7054	2005	10	0	4-269-3849-0	2003	7	0	827-1700	2006	1	0	9330-1007	2002	4	0
0001-7054	2005	11	0	4-269-3849-0	2003	8	0	827-1700	2006	2	0	9330-1007	2002	5	0
0001-7054	2005	12	1	4-269-3849-0	2003	9	0	827-1700	2006	3	0	9330-1007	2002	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
0001-7054	2006	1	5	4-269-3849-0	2003	10	0	827-1700	2006	4	0	9330-1007	2002	7	0
0001-7054	2006	2	30	4-269-3849-0	2003	11	0	827-1700	2006	5	0	9330-1007	2002	8	0
0001-7054	2006	3	11	4-269-3849-0	2003	12	0	827-1700	2006	6	0	9330-1007	2002	9	0
0001-7054	2006	4	22	4-269-3849-0	2004	1	0	827-1700	2006	7	0	9330-1007	2002	10	0
0001-7054	2006	5	1	4-269-3849-0	2004	2	0	827-1700	2006	8	0	9330-1007	2002	11	0
0001-7054	2006	6	0	4-269-3849-0	2004	3	1500	827-1700	2006	9	2	9330-1007	2002	12	0
0001-7054	2006	7	0	4-269-3849-0	2004	4	0	827-1700	2006	10	0	9330-1007	2003	1	0
0001-7054	2006	8	8	4-269-3849-0	2004	5	0	827-1700	2006	11	0	9330-1007	2003	2	0
0001-7054	2006	9	0	4-269-3849-0	2004	6	0	827-1700	2006	12	0	9330-1007	2003	3	0
0001-7054	2006	10	2	4-269-3849-0	2004	7	0	827-1700	2007	1	0	9330-1007	2003	4	0
0001-7054	2006	11	0	4-269-3849-0	2004	8	0	827-1700	2007	2	0	9330-1007	2003	5	0
0001-7054	2006	12	0	4-269-3849-0	2004	9	0	827-1700	2007	3	0	9330-1007	2003	6	0
0001-7054	2007	1	0	4-269-3849-0	2004	10	0	827-1700	2007	4	52	9330-1007	2003	7	0
0001-7054	2007	2	0	4-269-3849-0	2004	11	0	827-1700	2007	5	0	9330-1007	2003	8	0
0001-7054	2007	3	5	4-269-3849-0	2004	12	0	827-1700	2007	6	0	9330-1007	2003	9	0
0001-7054	2007	4	10	4-269-3849-0	2005	1	0	827-1700	2007	7	0	9330-1007	2003	10	0
0001-7054	2007	5	0	4-269-3849-0	2005	2	0	827-1700	2007	8	0	9330-1007	2003	11	0
0001-7054	2007	6	0	4-269-3849-0	2005	3	0	827-1700	2007	9	0	9330-1007	2003	12	0
0001-7054	2007	7	0	4-269-3849-0	2005	4	0	827-1700	2007	10	0	9330-1007	2004	1	0
0001-7054	2007	8	0	4-269-3849-0	2005	5	0	827-1700	2007	11	0	9330-1007	2004	2	0
0001-7054	2007	9	0	4-269-3849-0	2005	6	0	827-1700	2007	12	0	9330-1007	2004	3	0
0001-7054	2007	10	0	4-269-3849-0	2005	7	3000	827-1700	2008	1	100	9330-1007	2004	4	0
0001-7054	2007	11	0	4-269-3849-0	2005	8	0	827-1700	2008	2	0	9330-1007	2004	5	0
0001-7054	2007	12	1	4-269-3849-0	2005	9	0	827-1700	2008	3	0	9330-1007	2004	6	0
0001-7054	2008	1	1	4-269-3849-0	2005	10	0	827-1700	2008	4	0	9330-1007	2004	7	0
0001-7054	2008	2	0	4-269-3849-0	2005	11	0	827-1700	2008	5	0	9330-1007	2004	8	0
0001-7054	2008	3	2	4-269-3849-0	2005	12	0	827-1700	2008	6	52	9330-1007	2004	9	0
0001-7054	2008	4	2	4-269-3849-0	2006	1	0	827-1700	2008	7	0	9330-1007	2004	10	3
0001-7054	2008	5	0	4-269-3849-0	2006	2	0	827-1700	2008	8	0	9330-1007	2004	11	0
0001-7054	2008	6	0	4-269-3849-0	2006	3	0	827-1700	2008	9	0	9330-1007	2004	12	0
0001-7054	2008	7	0	4-269-3849-0	2006	4	0	827-1700	2008	10	0	9330-1007	2005	1	0
0001-7054	2008	8	0	4-269-3849-0	2006	5	0	827-1700	2008	11	0	9330-1007	2005	2	0
0001-7054	2008	9	0	4-269-3849-0	2006	6	0	827-1700	2008	12	0	9330-1007	2005	3	0
0001-7054	2008	10	0	4-269-3849-0	2006	7	0	827-1700	2009	1	0	9330-1007	2005	4	0
0001-7054	2008	11	0	4-269-3849-0	2006	8	0	827-1700	2009	2	0	9330-1007	2005	5	0
0001-7054	2008	12	0	4-269-3849-0	2006	9	0	827-1700	2009	3	0	9330-1007	2005	6	0
0001-7054	2009	1	0	4-269-3849-0	2006	10	0	827-1743	1998	1	0	9330-1007	2005	7	0
0001-7054	2009	2	0	4-269-3849-0	2006	11	0	827-1743	1998	2	0	9330-1007	2005	8	0
0001-7054	2009	3	0	4-269-3849-0	2006	12	0	827-1743	1998	3	0	9330-1007	2005	9	33
061-1013	2002	1	0	4-269-3849-0	2007	1	0	827-1743	1998	4	0	9330-1007	2005	10	0
061-1013	2002	2	0	4-269-3849-0	2007	2	0	827-1743	1998	5	0	9330-1007	2005	11	0
061-1013	2002	3	0	4-269-3849-0	2007	3	1200	827-1743	1998	6	0	9330-1007	2005	12	0
061-1013	2002	4	0	4-753-3839-0	1998	1	0	827-1743	1998	7	0	9330-1007	2006	1	0
061-1013	2002	5	0	4-753-3839-0	1998	2	0	827-1743	1998	8	0	9330-1007	2006	2	0
061-1013	2002	6	10	4-753-3839-0	1998	3	0	827-1743	1998	9	0	9330-1007	2006	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
061-1013	2002	7	0	4-753-3839-0	1998	4	0	827-1743	1998	10	0	9330-1007	2006	4	0
061-1013	2002	8	0	4-753-3839-0	1998	5	0	827-1743	1998	11	6	9330-1007	2006	5	2
061-1013	2002	9	0	4-753-3839-0	1998	6	0	827-1743	1998	12	0	9330-1007	2006	6	0
061-1013	2002	10	0	4-753-3839-0	1998	7	0	827-1743	1999	1	0	9330-1007	2006	7	0
061-1013	2002	11	0	4-753-3839-0	1998	8	0	827-1743	1999	2	0	9330-1007	2006	8	0
061-1013	2002	12	0	4-753-3839-0	1998	9	15	827-1743	1999	3	300	9330-1007	2006	9	0
061-1013	2003	1	0	4-753-3839-0	1998	10	0	827-1743	1999	4	0	9330-1007	2006	10	0
061-1013	2003	2	0	4-753-3839-0	1998	11	0	827-1743	1999	5	0	9330-1007	2006	11	0
061-1013	2003	3	0	4-753-3839-0	1998	12	0	827-1743	1999	6	0	9330-1007	2006	12	0
061-1013	2003	4	0	4-753-3839-0	1999	1	0	827-1743	1999	7	0	9330-1007	2007	1	5
061-1013	2003	5	0	4-753-3839-0	1999	2	0	827-1743	1999	8	0	9330-1007	2007	2	0
061-1013	2003	6	0	4-753-3839-0	1999	3	0	827-1743	1999	9	0	9330-1007	2007	3	0
061-1013	2003	7	0	4-753-3839-0	1999	4	0	827-1743	1999	10	0	9330-1007	2007	4	0
061-1013	2003	8	0	4-753-3839-0	1999	5	0	827-1743	1999	11	0	9330-1007	2007	5	0
061-1013	2003	9	0	4-753-3839-0	1999	6	0	827-1743	1999	12	0	9330-1007	2007	6	0
061-1013	2003	10	0	4-753-3839-0	1999	7	0	827-1743	2000	1	0	9330-1007	2007	7	0
061-1013	2003	11	0	4-753-3839-0	1999	8	0	827-1743	2000	2	0	9330-1007	2007	8	0
061-1013	2003	12	0	4-753-3839-0	1999	9	0	827-1743	2000	3	0	9330-1007	2007	9	0
061-1013	2004	1	0	4-753-3839-0	1999	10	0	827-1743	2000	4	0	9330-1007	2007	10	0
061-1013	2004	2	0	4-753-3839-0	1999	11	0	827-1743	2000	5	0	9330-1007	2007	11	0
061-1013	2004	3	0	4-753-3839-0	1999	12	0	827-1743	2000	6	0	9330-1007	2007	12	0
061-1013	2004	4	0	4-753-3839-0	2000	1	0	827-1743	2000	7	0	9330-1007	2008	1	0
061-1013	2004	5	0	4-753-3839-0	2000	2	0	827-1743	2000	8	0	9330-1007	2008	2	0
061-1013	2004	6	0	4-753-3839-0	2000	3	0	827-1743	2000	9	0	9330-1007	2008	3	0
061-1013	2004	7	0	4-753-3839-0	2000	4	0	827-1743	2000	10	0	9330-1007	2008	4	0
061-1013	2004	8	0	4-753-3839-0	2000	5	30	827-1743	2000	11	0	9330-1007	2008	5	0
061-1013	2004	9	0	4-753-3839-0	2000	6	0	827-1743	2000	12	0	9330-1007	2008	6	0
061-1013	2004	10	0	4-753-3839-0	2000	7	0	827-1743	2001	1	0	9330-1007	2008	7	0
061-1013	2004	11	0	4-753-3839-0	2000	8	0	827-1743	2001	2	0	9330-1007	2008	8	0
061-1013	2004	12	0	4-753-3839-0	2000	9	0	827-1743	2001	3	0	9330-1007	2008	9	0
061-1013	2005	1	0	4-753-3839-0	2000	10	0	827-1743	2001	4	0	9330-1007	2008	10	0
061-1013	2005	2	0	4-753-3839-0	2000	11	0	827-1743	2001	5	0	9330-1007	2008	11	0
061-1013	2005	3	5	4-753-3839-0	2000	12	0	827-1743	2001	6	0	9330-1007	2008	12	0
061-1013	2005	4	0	4-753-3839-0	2001	1	0	827-1743	2001	7	0	9330-1007	2009	1	0
061-1013	2005	5	168	4-753-3839-0	2001	2	0	827-1743	2001	8	0	9330-1007	2009	2	0
061-1013	2005	6	0	4-753-3839-0	2001	3	0	827-1743	2001	9	0	9330-1007	2009	3	0
061-1013	2005	7	200	4-753-3839-0	2001	4	0	827-1743	2001	10	20	940-1019	1995	1	0
061-1013	2005	8	0	4-753-3839-0	2001	5	0	827-1743	2001	11	0	940-1019	1995	2	0
061-1013	2005	9	0	4-753-3839-0	2001	6	0	827-1743	2001	12	0	940-1019	1995	3	0
061-1013	2005	10	0	4-753-3839-0	2001	7	0	827-1743	2002	1	6	940-1019	1995	4	0
061-1013	2005	11	200	4-753-3839-0	2001	8	0	827-1743	2002	2	0	940-1019	1995	5	400
061-1013	2005	12	0	4-753-3839-0	2001	9	0	827-1743	2002	3	20	940-1019	1995	6	100
061-1013	2006	1	0	4-753-3839-0	2001	10	30	827-1743	2002	4	0	940-1019	1995	7	0
061-1013	2006	2	0	4-753-3839-0	2001	11	0	827-1743	2002	5	0	940-1019	1995	8	0
061-1013	2006	3	0	4-753-3839-0	2001	12	0	827-1743	2002	6	0	940-1019	1995	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
061-1013	2006	4	0	4-753-3839-0	2002	1	0	827-1743	2002	7	0	940-1019	1995	10	0
061-1013	2006	5	0	4-753-3839-0	2002	2	0	827-1743	2002	8	0	940-1019	1995	11	0
061-1013	2006	6	0	4-753-3839-0	2002	3	0	827-1743	2002	9	0	940-1019	1995	12	0
061-1013	2006	7	0	4-753-3839-0	2002	4	0	827-1743	2002	10	121	940-1019	1996	1	0
061-1013	2006	8	0	4-753-3839-0	2002	5	0	827-1743	2002	11	0	940-1019	1996	2	0
061-1013	2006	9	0	4-753-3839-0	2002	6	0	827-1743	2002	12	0	940-1019	1996	3	114
061-1013	2006	10	0	4-753-3839-0	2002	7	0	827-1743	2003	1	19	940-1019	1996	4	0
061-1013	2006	11	0	4-753-3839-0	2002	8	0	827-1743	2003	2	135	940-1019	1996	5	0
061-1013	2006	12	0	4-753-3839-0	2002	9	0	827-1743	2003	3	0	940-1019	1996	6	114
061-1013	2007	1	0	4-753-3839-0	2002	10	0	827-1743	2003	4	0	940-1019	1996	7	0
061-1013	2007	2	0	4-753-3839-0	2002	11	0	827-1743	2003	5	100	940-1019	1996	8	0
061-1013	2007	3	102	4-753-3839-0	2002	12	20	827-1743	2003	6	0	940-1019	1996	9	0
061-1013	2007	4	0	4-753-3839-0	2003	1	0	827-1743	2003	7	0	940-1019	1996	10	0
061-1013	2007	5	0	4-753-3839-0	2003	2	0	827-1743	2003	8	0	940-1019	1996	11	0
061-1013	2007	6	600	4-753-3839-0	2003	3	0	827-1743	2003	9	0	940-1019	1996	12	110
061-1013	2007	7	0	4-753-3839-0	2003	4	0	827-1743	2003	10	125	940-1019	1997	1	0
061-1013	2007	8	0	4-753-3839-0	2003	5	0	827-1743	2003	11	0	940-1019	1997	2	0
061-1013	2007	9	0	4-753-3839-0	2003	6	0	827-1743	2003	12	101	940-1019	1997	3	0
061-1013	2007	10	0	4-753-3839-0	2003	7	0	827-1743	2004	1	0	940-1019	1997	4	0
061-1013	2007	11	0	4-753-3839-0	2003	8	0	827-1743	2004	2	0	940-1019	1997	5	0
061-1013	2007	12	0	4-753-3839-0	2003	9	0	827-1743	2004	3	0	940-1019	1997	6	0
061-1013	2008	1	0	4-753-3839-0	2003	10	30	827-1743	2004	4	0	940-1019	1997	7	0
061-1013	2008	2	0	4-753-3839-0	2003	11	0	827-1743	2004	5	50	940-1019	1997	8	0
061-1013	2008	3	0	4-753-3839-0	2003	12	0	827-1743	2004	6	0	940-1019	1997	9	0
061-1013	2008	4	0	4-753-3839-0	2004	1	0	827-1743	2004	7	65	940-1019	1997	10	0
061-1013	2008	5	0	4-753-3839-0	2004	2	0	827-1743	2004	8	0	940-1019	1997	11	0
061-1013	2008	6	0	4-753-3839-0	2004	3	0	827-1743	2004	9	101	940-1019	1997	12	0
061-1013	2008	7	0	4-753-3839-0	2004	4	0	827-1743	2004	10	0	940-1019	1998	1	0
061-1013	2008	8	0	4-753-3839-0	2004	5	0	827-1743	2004	11	0	940-1019	1998	2	0
061-1013	2008	9	0	4-753-3839-0	2004	6	40	827-1743	2004	12	0	940-1019	1998	3	0
061-1013	2008	10	0	4-753-3839-0	2004	7	0	827-1743	2005	1	0	940-1019	1998	4	0
061-1013	2008	11	0	4-753-3839-0	2004	8	0	827-1743	2005	2	0	940-1019	1998	5	0
061-1013	2008	12	0	4-753-3839-0	2004	9	0	827-1743	2005	3	51	940-1019	1998	6	0
061-1013	2009	1	0	4-753-3839-0	2004	10	0	827-1743	2005	4	101	940-1019	1998	7	0
061-1013	2009	2	0	4-753-3839-0	2004	11	0	827-1743	2005	5	0	940-1019	1998	8	0
061-1013	2009	3	0	4-753-3839-0	2004	12	0	827-1743	2005	6	0	940-1019	1998	9	0
061-1305	1997	1	0	4-753-3839-0	2005	1	0	827-1743	2005	7	0	940-1019	1998	10	0
061-1305	1997	2	0	4-753-3839-0	2005	2	0	827-1743	2005	8	100	940-1019	1998	11	0
061-1305	1997	3	0	4-753-3839-0	2005	3	0	827-1743	2005	9	0	940-1019	1998	12	0
061-1305	1997	4	0	4-753-3839-0	2005	4	0	827-1743	2005	10	101	940-1019	1999	1	0
061-1305	1997	5	0	4-753-3839-0	2005	5	0	827-1743	2005	11	0	940-1019	1999	2	0
061-1305	1997	6	0	4-753-3839-0	2005	6	0	827-1743	2005	12	0	940-1019	1999	3	0
061-1305	1997	7	20	4-753-3839-0	2005	7	0	827-1743	2006	1	0	940-1019	1999	4	0
061-1305	1997	8	0	4-753-3839-0	2005	8	0	827-1743	2006	2	300	940-1019	1999	5	0
061-1305	1997	9	0	4-753-3839-0	2005	9	0	827-1743	2006	3	0	940-1019	1999	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
061-1305	1997	10	0	4-753-3839-0	2005	10	0	827-1743	2006	4	0	940-1019	1999	7	0
061-1305	1997	11	0	4-753-3839-0	2005	11	0	827-1743	2006	5	0	940-1019	1999	8	0
061-1305	1997	12	0	4-753-3839-0	2005	12	0	827-1743	2006	6	100	940-1019	1999	9	0
061-1305	1998	1	0	4-753-3839-0	2006	1	6	827-1743	2006	7	0	940-1019	1999	10	0
061-1305	1998	2	0	4-753-3839-0	2006	2	0	827-1743	2006	8	100	940-1019	1999	11	0
061-1305	1998	3	0	4-753-3839-0	2006	3	6	827-1743	2006	9	0	940-1019	1999	12	0
061-1305	1998	4	0	4-753-3839-0	2006	4	4	827-1743	2006	10	251	940-1019	2000	1	0
061-1305	1998	5	0	4-753-3839-0	2006	5	40	827-1743	2006	11	0	940-1019	2000	2	0
061-1305	1998	6	0	4-753-3839-0	2006	6	0	827-1743	2006	12	0	940-1019	2000	3	0
061-1305	1998	7	0	4-753-3839-0	2006	7	0	827-1743	2007	1	0	940-1019	2000	4	0
061-1305	1998	8	0	4-753-3839-0	2006	8	0	827-1743	2007	2	100	940-1019	2000	5	0
061-1305	1998	9	0	4-753-3839-0	2006	9	0	827-1743	2007	3	300	940-1019	2000	6	0
061-1305	1998	10	0	4-753-3839-0	2006	10	0	827-1743	2007	4	0	940-1019	2000	7	0
061-1305	1998	11	0	4-753-3839-0	2006	11	0	827-1743	2007	5	0	940-1019	2000	8	0
061-1305	1998	12	0	4-753-3839-0	2006	12	0	827-1743	2007	6	0	940-1019	2000	9	0
061-1305	1999	1	52	4-753-3839-0	2007	1	0	827-1743	2007	7	125	940-1019	2000	10	0
061-1305	1999	2	25	4-753-3839-0	2007	2	0	827-1743	2007	8	0	940-1019	2000	11	0
061-1305	1999	3	0	4-753-3839-0	2007	3	0	827-1743	2007	9	0	940-1019	2000	12	100
061-1305	1999	4	0	4-753-3839-0	2007	4	0	827-1743	2007	10	0	940-1019	2001	1	0
061-1305	1999	5	0	4-753-3839-0	2007	5	0	827-1743	2007	11	0	940-1019	2001	2	0
061-1305	1999	6	0	4-753-3839-0	2007	6	0	827-1743	2007	12	251	940-1019	2001	3	0
061-1305	1999	7	0	4-753-3839-0	2007	7	0	827-1743	2008	1	325	940-1019	2001	4	0
061-1305	1999	8	676	4-753-3839-0	2007	8	34	827-1743	2008	2	0	940-1019	2001	5	0
061-1305	1999	9	0	4-753-3839-0	2007	9	0	827-1743	2008	3	200	940-1019	2001	6	0
061-1305	1999	10	878	4-753-3839-0	2007	10	0	827-1743	2008	4	0	940-1019	2001	7	50
061-1305	1999	11	596	4-753-3839-0	2007	11	0	827-1743	2008	5	0	940-1019	2001	8	0
061-1305	1999	12	2	4-753-3839-0	2007	12	0	827-1743	2008	6	25	940-1019	2001	9	50
061-1305	2000	1	41	4-753-3839-0	2008	1	0	827-1743	2008	7	0	940-1019	2001	10	51
061-1305	2000	2	0	4-753-3839-0	2008	2	0	827-1743	2008	8	0	940-1019	2001	11	0
061-1305	2000	3	813	4-753-3839-0	2008	3	0	827-1743	2008	9	0	940-1019	2001	12	0
061-1305	2000	4	0	4-753-3839-0	2008	4	0	827-1743	2008	10	0	940-1019	2002	1	0
061-1305	2000	5	0	4-753-3839-0	2008	5	0	827-1743	2008	11	0	940-1019	2002	2	0
061-1305	2000	6	0	4-753-3839-0	2008	6	0	827-1743	2008	12	0	940-1019	2002	3	0
061-1305	2000	7	0	4-753-3839-0	2008	7	0	827-1743	2009	1	50	940-1019	2002	4	22
061-1305	2000	8	5	4-753-3839-0	2008	8	0	827-1743	2009	2	0	940-1019	2002	5	0
061-1305	2000	9	0	4-753-3839-0	2008	9	0	827-1743	2009	3	0	940-1019	2002	6	0
061-1305	2000	10	2	4-753-3839-0	2008	10	0	827-1775	1995	1	0	940-1019	2002	7	0
061-1305	2000	11	0	4-753-3839-0	2008	11	0	827-1775	1995	2	0	940-1019	2002	8	24
061-1305	2000	12	0	4-753-3839-0	2008	12	0	827-1775	1995	3	0	940-1019	2002	9	0
061-1305	2001	1	0	4-753-3839-0	2009	1	0	827-1775	1995	4	0	940-1019	2002	10	50
061-1305	2001	2	0	4-753-3839-0	2009	2	0	827-1775	1995	5	125	940-1019	2002	11	0
061-1305	2001	3	0	4-753-3839-0	2009	3	0	827-1775	1995	6	125	940-1019	2002	12	0
061-1305	2001	4	0	504-02030	2000	1	0	827-1775	1995	7	10	940-1019	2003	1	0
061-1305	2001	5	0	504-02030	2000	2	15	827-1775	1995	8	0	940-1019	2003	2	50
061-1305	2001	6	107	504-02030	2000	3	0	827-1775	1995	9	0	940-1019	2003	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
061-1305	2001	7	3	504-02030	2000	4	0	827-1775	1995	10	132	940-1019	2003	4	0
061-1305	2001	8	32	504-02030	2000	5	0	827-1775	1995	11	2	940-1019	2003	5	0
061-1305	2001	9	0	504-02030	2000	6	0	827-1775	1995	12	0	940-1019	2003	6	0
061-1305	2001	10	0	504-02030	2000	7	0	827-1775	1996	1	0	940-1019	2003	7	0
061-1305	2001	11	0	504-02030	2000	8	0	827-1775	1996	2	115	940-1019	2003	8	50
061-1305	2001	12	5	504-02030	2000	9	0	827-1775	1996	3	7	940-1019	2003	9	0
061-1305	2002	1	0	504-02030	2000	10	0	827-1775	1996	4	0	940-1019	2003	10	0
061-1305	2002	2	3	504-02030	2000	11	0	827-1775	1996	5	114	940-1019	2003	11	0
061-1305	2002	3	7	504-02030	2000	12	0	827-1775	1996	6	0	940-1019	2003	12	0
061-1305	2002	4	4	504-02030	2001	1	0	827-1775	1996	7	0	940-1019	2004	1	50
061-1305	2002	5	0	504-02030	2001	2	0	827-1775	1996	8	0	940-1019	2004	2	0
061-1305	2002	6	0	504-02030	2001	3	0	827-1775	1996	9	0	940-1019	2004	3	0
061-1305	2002	7	0	504-02030	2001	4	0	827-1775	1996	10	0	940-1019	2004	4	0
061-1305	2002	8	0	504-02030	2001	5	0	827-1775	1996	11	0	940-1019	2004	5	50
061-1305	2002	9	12	504-02030	2001	6	0	827-1775	1996	12	0	940-1019	2004	6	0
061-1305	2002	10	0	504-02030	2001	7	0	827-1775	1997	1	0	940-1019	2004	7	0
061-1305	2002	11	0	504-02030	2001	8	0	827-1775	1997	2	0	940-1019	2004	8	0
061-1305	2002	12	0	504-02030	2001	9	0	827-1775	1997	3	190	940-1019	2004	9	33
061-1305	2003	1	25	504-02030	2001	10	0	827-1775	1997	4	220	940-1019	2004	10	0
061-1305	2003	2	0	504-02030	2001	11	0	827-1775	1997	5	0	940-1019	2004	11	0
061-1305	2003	3	0	504-02030	2001	12	0	827-1775	1997	6	7	940-1019	2004	12	0
061-1305	2003	4	18	504-02030	2002	1	10	827-1775	1997	7	0	940-1019	2005	1	0
061-1305	2003	5	0	504-02030	2002	2	6	827-1775	1997	8	7	940-1019	2005	2	0
061-1305	2003	6	23	504-02030	2002	3	0	827-1775	1997	9	40	940-1019	2005	3	0
061-1305	2003	7	0	504-02030	2002	4	0	827-1775	1997	10	0	940-1019	2005	4	0
061-1305	2003	8	4	504-02030	2002	5	0	827-1775	1997	11	0	940-1019	2005	5	0
061-1305	2003	9	0	504-02030	2002	6	0	827-1775	1997	12	0	940-1019	2005	6	85
061-1305	2003	10	0	504-02030	2002	7	6	827-1775	1998	1	0	940-1019	2005	7	0
061-1305	2003	11	1	504-02030	2002	8	0	827-1775	1998	2	10	940-1019	2005	8	0
061-1305	2003	12	0	504-02030	2002	9	0	827-1775	1998	3	0	940-1019	2005	9	0
061-1305	2004	1	7	504-02030	2002	10	0	827-1775	1998	4	0	940-1019	2005	10	0
061-1305	2004	2	0	504-02030	2002	11	6	827-1775	1998	5	7	940-1019	2005	11	0
061-1305	2004	3	0	504-02030	2002	12	0	827-1775	1998	6	16	940-1019	2005	12	50
061-1305	2004	4	0	504-02030	2003	1	0	827-1775	1998	7	0	940-1019	2006	1	0
061-1305	2004	5	0	504-02030	2003	2	10	827-1775	1998	8	6	940-1019	2006	2	30
061-1305	2004	6	0	504-02030	2003	3	0	827-1775	1998	9	0	940-1019	2006	3	0
061-1305	2004	7	0	504-02030	2003	4	0	827-1775	1998	10	0	940-1019	2006	4	0
061-1305	2004	8	26	504-02030	2003	5	1	827-1775	1998	11	0	940-1019	2006	5	0
061-1305	2004	9	0	504-02030	2003	6	0	827-1775	1998	12	0	940-1019	2006	6	50
061-1305	2004	10	4	504-02030	2003	7	0	827-1775	1999	1	20	940-1019	2006	7	0
061-1305	2004	11	0	504-02030	2003	8	10	827-1775	1999	2	0	940-1019	2006	8	0
061-1305	2004	12	0	504-02030	2003	9	0	827-1775	1999	3	0	940-1019	2006	9	0
061-1305	2005	1	0	504-02030	2003	10	0	827-1775	1999	4	0	940-1019	2006	10	0
061-1305	2005	2	0	504-02030	2003	11	0	827-1775	1999	5	7	940-1019	2006	11	0
061-1305	2005	3	15	504-02030	2003	12	0	827-1775	1999	6	0	940-1019	2006	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
061-1305	2005	4	0	504-02030	2004	1	0	827-1775	1999	7	10	940-1019	2007	1	0
061-1305	2005	5	0	504-02030	2004	2	0	827-1775	1999	8	15	940-1019	2007	2	0
061-1305	2005	6	0	504-02030	2004	3	0	827-1775	1999	9	6	940-1019	2007	3	50
061-1305	2005	7	0	504-02030	2004	4	0	827-1775	1999	10	30	940-1019	2007	4	0
061-1305	2005	8	0	504-02030	2004	5	0	827-1775	1999	11	0	940-1019	2007	5	0
061-1305	2005	9	35	504-02030	2004	6	0	827-1775	1999	12	0	940-1019	2007	6	0
061-1305	2005	10	0	504-02030	2004	7	10	827-1775	2000	1	0	940-1019	2007	7	0
061-1305	2005	11	0	504-02030	2004	8	0	827-1775	2000	2	157	940-1019	2007	8	0
061-1305	2005	12	0	504-02030	2004	9	0	827-1775	2000	3	0	940-1019	2007	9	0
061-1305	2006	1	2	504-02030	2004	10	0	827-1775	2000	4	50	940-1019	2007	10	50
061-1305	2006	2	0	504-02030	2004	11	0	827-1775	2000	5	10	940-1019	2007	11	0
061-1305	2006	3	0	504-02030	2004	12	0	827-1775	2000	6	0	940-1019	2007	12	0
061-1305	2006	4	13	504-02030	2005	1	0	827-1775	2000	7	0	940-1019	2008	1	0
061-1305	2006	5	0	504-02030	2005	2	0	827-1775	2000	8	7	940-1019	2008	2	0
061-1305	2006	6	0	504-02030	2005	3	7	827-1775	2000	9	0	940-1019	2008	3	0
061-1305	2006	7	0	504-02030	2005	4	0	827-1775	2000	10	0	940-1019	2008	4	0
061-1305	2006	8	0	504-02030	2005	5	0	827-1775	2000	11	150	940-1019	2008	5	0
061-1305	2006	9	0	504-02030	2005	6	0	827-1775	2000	12	0	940-1019	2008	6	0
061-1305	2006	10	8	504-02030	2005	7	0	827-1775	2001	1	0	940-1019	2008	7	0
061-1305	2006	11	0	504-02030	2005	8	26	827-1775	2001	2	0	940-1019	2008	8	0
061-1305	2006	12	0	504-02030	2005	9	0	827-1775	2001	3	0	940-1019	2008	9	51
061-1305	2007	1	6	504-02030	2005	10	0	827-1775	2001	4	0	940-1019	2008	10	0
061-1305	2007	2	8	504-02030	2005	11	0	827-1775	2001	5	0	940-1019	2008	11	0
061-1305	2007	3	0	504-02030	2005	12	0	827-1775	2001	6	0	940-1019	2008	12	0
061-1305	2007	4	0	504-02030	2006	1	0	827-1775	2001	7	0	940-1019	2009	1	0
061-1305	2007	5	0	504-02030	2006	2	0	827-1775	2001	8	0	940-1019	2009	2	0
061-1305	2007	6	0	504-02030	2006	3	0	827-1775	2001	9	0	940-1019	2009	3	0
061-1305	2007	7	8	504-02030	2006	4	0	827-1775	2001	10	10	9501-0121	1999	1	27
061-1305	2007	8	0	504-02030	2006	5	0	827-1775	2001	11	12	9501-0121	1999	2	0
061-1305	2007	9	8	504-02030	2006	6	0	827-1775	2001	12	0	9501-0121	1999	3	0
061-1305	2007	10	0	504-02030	2006	7	0	827-1775	2002	1	30	9501-0121	1999	4	0
061-1305	2007	11	0	504-02030	2006	8	0	827-1775	2002	2	0	9501-0121	1999	5	0
061-1305	2007	12	0	504-02030	2006	9	0	827-1775	2002	3	0	9501-0121	1999	6	0
061-1305	2008	1	8	504-02030	2006	10	10	827-1775	2002	4	0	9501-0121	1999	7	0
061-1305	2008	2	1	504-02030	2006	11	0	827-1775	2002	5	0	9501-0121	1999	8	10
061-1305	2008	3	15	504-02030	2006	12	0	827-1775	2002	6	0	9501-0121	1999	9	12
061-1305	2008	4	0	504-02030	2007	1	0	827-1775	2002	7	0	9501-0121	1999	10	0
061-1305	2008	5	2	504-02030	2007	2	0	827-1775	2002	8	0	9501-0121	1999	11	0
061-1305	2008	6	0	504-02030	2007	3	0	827-1775	2002	9	0	9501-0121	1999	12	0
061-1305	2008	7	0	504-02030	2007	4	0	827-1775	2002	10	0	9501-0121	2000	1	15
061-1305	2008	8	4	504-02030	2007	5	0	827-1775	2002	11	0	9501-0121	2000	2	5
061-1305	2008	9	0	504-02030	2007	6	0	827-1775	2002	12	0	9501-0121	2000	3	2
061-1305	2008	10	0	504-02030	2007	7	0	827-1775	2003	1	0	9501-0121	2000	4	0
061-1305	2008	11	6	504-02030	2007	8	0	827-1775	2003	2	6	9501-0121	2000	5	0
061-1305	2008	12	6	504-02030	2007	9	0	827-1775	2003	3	0	9501-0121	2000	6	20

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
061-1305	2009	1	0	504-02030	2007	10	0	827-1775	2003	4	0	9501-0121	2000	7	0
061-1305	2009	2	0	504-02030	2007	11	0	827-1775	2003	5	0	9501-0121	2000	8	3
061-1305	2009	3	0	504-02030	2007	12	0	827-1775	2003	6	0	9501-0121	2000	9	0
065-0191-7	1995	1	0	504-02030	2008	1	0	827-1775	2003	7	20	9501-0121	2000	10	3
065-0191-7	1995	2	20	504-02030	2008	2	0	827-1775	2003	8	0	9501-0121	2000	11	0
065-0191-7	1995	3	0	504-02030	2008	3	0	827-1775	2003	9	12	9501-0121	2000	12	0
065-0191-7	1995	4	20	504-02030	2008	4	0	827-1775	2003	10	0	9501-0121	2001	1	0
065-0191-7	1995	5	0	504-02030	2008	5	0	827-1775	2003	11	0	9501-0121	2001	2	0
065-0191-7	1995	6	0	504-02030	2008	6	0	827-1775	2003	12	0	9501-0121	2001	3	17
065-0191-7	1995	7	0	504-02030	2008	7	0	827-1775	2004	1	0	9501-0121	2001	4	45
065-0191-7	1995	8	0	504-02030	2008	8	0	827-1775	2004	2	7	9501-0121	2001	5	0
065-0191-7	1995	9	0	504-02030	2008	9	0	827-1775	2004	3	0	9501-0121	2001	6	7
065-0191-7	1995	10	0	504-02030	2008	10	0	827-1775	2004	4	0	9501-0121	2001	7	0
065-0191-7	1995	11	0	504-02030	2008	11	14	827-1775	2004	5	0	9501-0121	2001	8	23
065-0191-7	1995	12	0	504-02030	2008	12	0	827-1775	2004	6	11	9501-0121	2001	9	0
065-0191-7	1996	1	0	504-02030	2009	1	0	827-1775	2004	7	10	9501-0121	2001	10	0
065-0191-7	1996	2	0	504-02030	2009	2	0	827-1775	2004	8	0	9501-0121	2001	11	0
065-0191-7	1996	3	0	504-02030	2009	3	0	827-1775	2004	9	0	9501-0121	2001	12	5
065-0191-7	1996	4	55	516-08028	1999	1	0	827-1775	2004	10	21	9501-0121	2002	1	0
065-0191-7	1996	5	0	516-08028	1999	2	0	827-1775	2004	11	0	9501-0121	2002	2	0
065-0191-7	1996	6	20	516-08028	1999	3	0	827-1775	2004	12	0	9501-0121	2002	3	0
065-0191-7	1996	7	0	516-08028	1999	4	0	827-1775	2005	1	11	9501-0121	2002	4	2
065-0191-7	1996	8	0	516-08028	1999	5	0	827-1775	2005	2	0	9501-0121	2002	5	0
065-0191-7	1996	9	0	516-08028	1999	6	12	827-1775	2005	3	11	9501-0121	2002	6	0
065-0191-7	1996	10	10	516-08028	1999	7	0	827-1775	2005	4	0	9501-0121	2002	7	0
065-0191-7	1996	11	0	516-08028	1999	8	0	827-1775	2005	5	12	9501-0121	2002	8	1
065-0191-7	1996	12	0	516-08028	1999	9	0	827-1775	2005	6	0	9501-0121	2002	9	10
065-0191-7	1997	1	0	516-08028	1999	10	0	827-1775	2005	7	0	9501-0121	2002	10	0
065-0191-7	1997	2	75	516-08028	1999	11	0	827-1775	2005	8	8	9501-0121	2002	11	0
065-0191-7	1997	3	0	516-08028	1999	12	0	827-1775	2005	9	0	9501-0121	2002	12	0
065-0191-7	1997	4	0	516-08028	2000	1	0	827-1775	2005	10	0	9501-0121	2003	1	0
065-0191-7	1997	5	4	516-08028	2000	2	0	827-1775	2005	11	7	9501-0121	2003	2	0
065-0191-7	1997	6	0	516-08028	2000	3	0	827-1775	2005	12	10	9501-0121	2003	3	0
065-0191-7	1997	7	41	516-08028	2000	4	0	827-1775	2006	1	12	9501-0121	2003	4	2
065-0191-7	1997	8	0	516-08028	2000	5	0	827-1775	2006	2	0	9501-0121	2003	5	0
065-0191-7	1997	9	1	516-08028	2000	6	0	827-1775	2006	3	0	9501-0121	2003	6	1
065-0191-7	1997	10	0	516-08028	2000	7	0	827-1775	2006	4	12	9501-0121	2003	7	0
065-0191-7	1997	11	0	516-08028	2000	8	0	827-1775	2006	5	10	9501-0121	2003	8	0
065-0191-7	1997	12	23	516-08028	2000	9	0	827-1775	2006	6	12	9501-0121	2003	9	0
065-0191-7	1998	1	0	516-08028	2000	10	0	827-1775	2006	7	0	9501-0121	2003	10	0
065-0191-7	1998	2	0	516-08028	2000	11	0	827-1775	2006	8	121	9501-0121	2003	11	0
065-0191-7	1998	3	0	516-08028	2000	12	0	827-1775	2006	9	0	9501-0121	2003	12	0
065-0191-7	1998	4	4	516-08028	2001	1	0	827-1775	2006	10	10	9501-0121	2004	1	8
065-0191-7	1998	5	160	516-08028	2001	2	0	827-1775	2006	11	22	9501-0121	2004	2	0
065-0191-7	1998	6	80	516-08028	2001	3	0	827-1775	2006	12	32	9501-0121	2004	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-0191-7	1998	7	32	516-08028	2001	4	0	827-1775	2007	1	0	9501-0121	2004	4	0
065-0191-7	1998	8	18	516-08028	2001	5	0	827-1775	2007	2	0	9501-0121	2004	5	6
065-0191-7	1998	9	6	516-08028	2001	6	0	827-1775	2007	3	1425	9501-0121	2004	6	0
065-0191-7	1998	10	100	516-08028	2001	7	0	827-1775	2007	4	22	9501-0121	2004	7	3
065-0191-7	1998	11	200	516-08028	2001	8	0	827-1775	2007	5	0	9501-0121	2004	8	0
065-0191-7	1998	12	10	516-08028	2001	9	0	827-1775	2007	6	10	9501-0121	2004	9	0
065-0191-7	1999	1	0	516-08028	2001	10	0	827-1775	2007	7	15	9501-0121	2004	10	0
065-0191-7	1999	2	0	516-08028	2001	11	0	827-1775	2007	8	0	9501-0121	2004	11	0
065-0191-7	1999	3	0	516-08028	2001	12	0	827-1775	2007	9	25	9501-0121	2004	12	0
065-0191-7	1999	4	0	516-08028	2002	1	0	827-1775	2007	10	12	9501-0121	2005	1	36
065-0191-7	1999	5	52	516-08028	2002	2	0	827-1775	2007	11	0	9501-0121	2005	2	0
065-0191-7	1999	6	0	516-08028	2002	3	0	827-1775	2007	12	25	9501-0121	2005	3	5
065-0191-7	1999	7	0	516-08028	2002	4	0	827-1775	2008	1	32	9501-0121	2005	4	0
065-0191-7	1999	8	80	516-08028	2002	5	0	827-1775	2008	2	0	9501-0121	2005	5	2
065-0191-7	1999	9	4	516-08028	2002	6	0	827-1775	2008	3	37	9501-0121	2005	6	6
065-0191-7	1999	10	6	516-08028	2002	7	0	827-1775	2008	4	0	9501-0121	2005	7	0
065-0191-7	1999	11	0	516-08028	2002	8	0	827-1775	2008	5	12	9501-0121	2005	8	0
065-0191-7	1999	12	0	516-08028	2002	9	0	827-1775	2008	6	0	9501-0121	2005	9	5
065-0191-7	2000	1	440	516-08028	2002	10	0	827-1775	2008	7	0	9501-0121	2005	10	7
065-0191-7	2000	2	0	516-08028	2002	11	0	827-1775	2008	8	12	9501-0121	2005	11	1
065-0191-7	2000	3	3	516-08028	2002	12	0	827-1775	2008	9	0	9501-0121	2005	12	0
065-0191-7	2000	4	370	516-08028	2003	1	0	827-1775	2008	10	25	9501-0121	2006	1	1
065-0191-7	2000	5	0	516-08028	2003	2	0	827-1775	2008	11	12	9501-0121	2006	2	0
065-0191-7	2000	6	0	516-08028	2003	3	0	827-1775	2008	12	0	9501-0121	2006	3	0
065-0191-7	2000	7	0	516-08028	2003	4	0	827-1775	2009	1	12	9501-0121	2006	4	4
065-0191-7	2000	8	0	516-08028	2003	5	0	827-1775	2009	2	0	9501-0121	2006	5	0
065-0191-7	2000	9	30	516-08028	2003	6	0	827-1775	2009	3	0	9501-0121	2006	6	1
065-0191-7	2000	10	0	516-08028	2003	7	0	827-1801	1996	1	0	9501-0121	2006	7	0
065-0191-7	2000	11	0	516-08028	2003	8	0	827-1801	1996	2	0	9501-0121	2006	8	14
065-0191-7	2000	12	0	516-08028	2003	9	0	827-1801	1996	3	0	9501-0121	2006	9	1
065-0191-7	2001	1	10	516-08028	2003	10	0	827-1801	1996	4	0	9501-0121	2006	10	0
065-0191-7	2001	2	0	516-08028	2003	11	0	827-1801	1996	5	0	9501-0121	2006	11	0
065-0191-7	2001	3	100	516-08028	2003	12	0	827-1801	1996	6	0	9501-0121	2006	12	1
065-0191-7	2001	4	200	516-08028	2004	1	0	827-1801	1996	7	5	9501-0121	2007	1	10
065-0191-7	2001	5	0	516-08028	2004	2	0	827-1801	1996	8	1	9501-0121	2007	2	0
065-0191-7	2001	6	4	516-08028	2004	3	0	827-1801	1996	9	2	9501-0121	2007	3	0
065-0191-7	2001	7	400	516-08028	2004	4	0	827-1801	1996	10	4	9501-0121	2007	4	6
065-0191-7	2001	8	0	516-08028	2004	5	0	827-1801	1996	11	0	9501-0121	2007	5	0
065-0191-7	2001	9	0	516-08028	2004	6	0	827-1801	1996	12	0	9501-0121	2007	6	0
065-0191-7	2001	10	0	516-08028	2004	7	0	827-1801	1997	1	0	9501-0121	2007	7	0
065-0191-7	2001	11	0	516-08028	2004	8	0	827-1801	1997	2	1	9501-0121	2007	8	0
065-0191-7	2001	12	0	516-08028	2004	9	0	827-1801	1997	3	0	9501-0121	2007	9	26
065-0191-7	2002	1	0	516-08028	2004	10	0	827-1801	1997	4	0	9501-0121	2007	10	10
065-0191-7	2002	2	2	516-08028	2004	11	0	827-1801	1997	5	0	9501-0121	2007	11	36
065-0191-7	2002	3	2	516-08028	2004	12	0	827-1801	1997	6	2	9501-0121	2007	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-0191-7	2002	4	0	516-08028	2005	1	0	827-1801	1997	7	2	9501-0121	2008	1	0
065-0191-7	2002	5	0	516-08028	2005	2	0	827-1801	1997	8	1	9501-0121	2008	2	10
065-0191-7	2002	6	170	516-08028	2005	3	0	827-1801	1997	9	0	9501-0121	2008	3	0
065-0191-7	2002	7	0	516-08028	2005	4	0	827-1801	1997	10	0	9501-0121	2008	4	0
065-0191-7	2002	8	0	516-08028	2005	5	0	827-1801	1997	11	0	9501-0121	2008	5	50
065-0191-7	2002	9	0	516-08028	2005	6	0	827-1801	1997	12	0	9501-0121	2008	6	0
065-0191-7	2002	10	0	516-08028	2005	7	0	827-1801	1998	1	0	9501-0121	2008	7	0
065-0191-7	2002	11	700	516-08028	2005	8	0	827-1801	1998	2	0	9501-0121	2008	8	0
065-0191-7	2002	12	0	516-08028	2005	9	0	827-1801	1998	3	0	9501-0121	2008	9	0
065-0191-7	2003	1	0	516-08028	2005	10	0	827-1801	1998	4	0	9501-0121	2008	10	6
065-0191-7	2003	2	501	516-08028	2005	11	0	827-1801	1998	5	0	9501-0121	2008	11	66
065-0191-7	2003	3	2	516-08028	2005	12	0	827-1801	1998	6	1	9501-0121	2008	12	30
065-0191-7	2003	4	100	516-08028	2006	1	0	827-1801	1998	7	0	9501-0121	2009	1	0
065-0191-7	2003	5	2	516-08028	2006	2	0	827-1801	1998	8	0	9501-0121	2009	2	0
065-0191-7	2003	6	10	516-08028	2006	3	0	827-1801	1998	9	1	9501-0121	2009	3	0
065-0191-7	2003	7	107	516-08028	2006	4	0	827-1801	1998	10	0	9501-0138	2001	1	0
065-0191-7	2003	8	0	516-08028	2006	5	0	827-1801	1998	11	0	9501-0138	2001	2	0
065-0191-7	2003	9	12	516-08028	2006	6	0	827-1801	1998	12	0	9501-0138	2001	3	0
065-0191-7	2003	10	6	516-08028	2006	7	0	827-1801	1999	1	0	9501-0138	2001	4	0
065-0191-7	2003	11	0	516-08028	2006	8	0	827-1801	1999	2	0	9501-0138	2001	5	0
065-0191-7	2003	12	0	516-08028	2006	9	0	827-1801	1999	3	0	9501-0138	2001	6	0
065-0191-7	2004	1	0	516-08028	2006	10	0	827-1801	1999	4	0	9501-0138	2001	7	30
065-0191-7	2004	2	2	516-08028	2006	11	0	827-1801	1999	5	5	9501-0138	2001	8	0
065-0191-7	2004	3	0	516-08028	2006	12	0	827-1801	1999	6	0	9501-0138	2001	9	0
065-0191-7	2004	4	0	516-08028	2007	1	0	827-1801	1999	7	0	9501-0138	2001	10	800
065-0191-7	2004	5	0	516-08028	2007	2	0	827-1801	1999	8	0	9501-0138	2001	11	0
065-0191-7	2004	6	8	516-08028	2007	3	0	827-1801	1999	9	0	9501-0138	2001	12	0
065-0191-7	2004	7	0	516-08028	2007	4	0	827-1801	1999	10	0	9501-0138	2002	1	0
065-0191-7	2004	8	0	516-08028	2007	5	0	827-1801	1999	11	0	9501-0138	2002	2	660
065-0191-7	2004	9	62	516-08028	2007	6	0	827-1801	1999	12	2	9501-0138	2002	3	0
065-0191-7	2004	10	0	516-08028	2007	7	0	827-1801	2000	1	0	9501-0138	2002	4	0
065-0191-7	2004	11	652	516-08028	2007	8	0	827-1801	2000	2	0	9501-0138	2002	5	0
065-0191-7	2004	12	0	516-08028	2007	9	0	827-1801	2000	3	7	9501-0138	2002	6	0
065-0191-7	2005	1	12	516-08028	2007	10	0	827-1801	2000	4	0	9501-0138	2002	7	0
065-0191-7	2005	2	2	516-08028	2007	11	0	827-1801	2000	5	0	9501-0138	2002	8	0
065-0191-7	2005	3	0	516-08028	2007	12	0	827-1801	2000	6	0	9501-0138	2002	9	0
065-0191-7	2005	4	0	516-08028	2008	1	0	827-1801	2000	7	0	9501-0138	2002	10	0
065-0191-7	2005	5	0	516-08028	2008	2	0	827-1801	2000	8	1	9501-0138	2002	11	0
065-0191-7	2005	6	0	516-08028	2008	3	0	827-1801	2000	9	0	9501-0138	2002	12	0
065-0191-7	2005	7	0	516-08028	2008	4	0	827-1801	2000	10	0	9501-0138	2003	1	0
065-0191-7	2005	8	0	516-08028	2008	5	0	827-1801	2000	11	0	9501-0138	2003	2	0
065-0191-7	2005	9	0	516-08028	2008	6	0	827-1801	2000	12	0	9501-0138	2003	3	0
065-0191-7	2005	10	8	516-08028	2008	7	0	827-1801	2001	1	0	9501-0138	2003	4	0
065-0191-7	2005	11	10	516-08028	2008	8	0	827-1801	2001	2	0	9501-0138	2003	5	0
065-0191-7	2005	12	0	516-08028	2008	9	38	827-1801	2001	3	0	9501-0138	2003	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-0191-7	2006	1	0	516-08028	2008	10	0	827-1801	2001	4	0	9501-0138	2003	7	200
065-0191-7	2006	2	0	516-08028	2008	11	0	827-1801	2001	5	0	9501-0138	2003	8	0
065-0191-7	2006	3	49	516-08028	2008	12	0	827-1801	2001	6	0	9501-0138	2003	9	0
065-0191-7	2006	4	49	516-08028	2009	1	0	827-1801	2001	7	0	9501-0138	2003	10	0
065-0191-7	2006	5	0	516-08028	2009	2	0	827-1801	2001	8	0	9501-0138	2003	11	0
065-0191-7	2006	6	0	516-08028	2009	3	0	827-1801	2001	9	0	9501-0138	2003	12	0
065-0191-7	2006	7	10	534-10001	2001	1	0	827-1801	2001	10	0	9501-0138	2004	1	0
065-0191-7	2006	8	0	534-10001	2001	2	0	827-1801	2001	11	0	9501-0138	2004	2	0
065-0191-7	2006	9	0	534-10001	2001	3	0	827-1801	2001	12	0	9501-0138	2004	3	322
065-0191-7	2006	10	0	534-10001	2001	4	0	827-1801	2002	1	0	9501-0138	2004	4	0
065-0191-7	2006	11	6	534-10001	2001	5	4109	827-1801	2002	2	0	9501-0138	2004	5	0
065-0191-7	2006	12	0	534-10001	2001	6	0	827-1801	2002	3	0	9501-0138	2004	6	0
065-0191-7	2007	1	120	534-10001	2001	7	0	827-1801	2002	4	1	9501-0138	2004	7	0
065-0191-7	2007	2	0	534-10001	2001	8	0	827-1801	2002	5	0	9501-0138	2004	8	0
065-0191-7	2007	3	0	534-10001	2001	9	111	827-1801	2002	6	0	9501-0138	2004	9	0
065-0191-7	2007	4	0	534-10001	2001	10	0	827-1801	2002	7	0	9501-0138	2004	10	300
065-0191-7	2007	5	0	534-10001	2001	11	0	827-1801	2002	8	0	9501-0138	2004	11	0
065-0191-7	2007	6	0	534-10001	2001	12	0	827-1801	2002	9	0	9501-0138	2004	12	0
065-0191-7	2007	7	0	534-10001	2002	1	0	827-1801	2002	10	0	9501-0138	2005	1	500
065-0191-7	2007	8	0	534-10001	2002	2	0	827-1801	2002	11	0	9501-0138	2005	2	0
065-0191-7	2007	9	120	534-10001	2002	3	12	827-1801	2002	12	0	9501-0138	2005	3	10
065-0191-7	2007	10	0	534-10001	2002	4	0	827-1801	2003	1	0	9501-0138	2005	4	500
065-0191-7	2007	11	0	534-10001	2002	5	0	827-1801	2003	2	0	9501-0138	2005	5	0
065-0191-7	2007	12	0	534-10001	2002	6	0	827-1801	2003	3	0	9501-0138	2005	6	0
065-0191-7	2008	1	0	534-10001	2002	7	0	827-1801	2003	4	0	9501-0138	2005	7	0
065-0191-7	2008	2	26	534-10001	2002	8	10	827-1801	2003	5	0	9501-0138	2005	8	800
065-0191-7	2008	3	0	534-10001	2002	9	0	827-1801	2003	6	0	9501-0138	2005	9	450
065-0191-7	2008	4	120	534-10001	2002	10	0	827-1801	2003	7	0	9501-0138	2005	10	0
065-0191-7	2008	5	0	534-10001	2002	11	0	827-1801	2003	8	0	9501-0138	2005	11	0
065-0191-7	2008	6	0	534-10001	2002	12	0	827-1801	2003	9	0	9501-0138	2005	12	0
065-0191-7	2008	7	0	534-10001	2003	1	0	827-1801	2003	10	10	9501-0138	2006	1	0
065-0191-7	2008	8	0	534-10001	2003	2	0	827-1801	2003	11	0	9501-0138	2006	2	0
065-0191-7	2008	9	0	534-10001	2003	3	0	827-1801	2003	12	0	9501-0138	2006	3	0
065-0191-7	2008	10	0	534-10001	2003	4	0	827-1801	2004	1	0	9501-0138	2006	4	0
065-0191-7	2008	11	0	534-10001	2003	5	0	827-1801	2004	2	0	9501-0138	2006	5	0
065-0191-7	2008	12	0	534-10001	2003	6	0	827-1801	2004	3	0	9501-0138	2006	6	0
065-0191-7	2009	1	11	534-10001	2003	7	0	827-1801	2004	4	4	9501-0138	2006	7	84
065-0191-7	2009	2	0	534-10001	2003	8	0	827-1801	2004	5	3	9501-0138	2006	8	0
065-0191-7	2009	3	0	534-10001	2003	9	0	827-1801	2004	6	0	9501-0138	2006	9	0
065-0203	1995	1	0	534-10001	2003	10	0	827-1801	2004	7	0	9501-0138	2006	10	0
065-0203	1995	2	0	534-10001	2003	11	0	827-1801	2004	8	0	9501-0138	2006	11	0
065-0203	1995	3	0	534-10001	2003	12	0	827-1801	2004	9	0	9501-0138	2006	12	0
065-0203	1995	4	20	534-10001	2004	1	1	827-1801	2004	10	0	9501-0138	2007	1	0
065-0203	1995	5	0	534-10001	2004	2	0	827-1801	2004	11	0	9501-0138	2007	2	800
065-0203	1995	6	0	534-10001	2004	3	0	827-1801	2004	12	4	9501-0138	2007	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-0203	1995	7	0	534-10001	2004	4	0	827-1801	2005	1	0	9501-0138	2007	4	0
065-0203	1995	8	0	534-10001	2004	5	1	827-1801	2005	2	0	9501-0138	2007	5	0
065-0203	1995	9	0	534-10001	2004	6	0	827-1801	2005	3	0	9501-0138	2007	6	0
065-0203	1995	10	0	534-10001	2004	7	0	827-1801	2005	4	0	9501-0138	2007	7	0
065-0203	1995	11	0	534-10001	2004	8	0	827-1801	2005	5	0	9501-0138	2007	8	0
065-0203	1995	12	0	534-10001	2004	9	0	827-1801	2005	6	0	9501-0138	2007	9	0
065-0203	1996	1	0	534-10001	2004	10	0	827-1801	2005	7	2	9501-0138	2007	10	500
065-0203	1996	2	0	534-10001	2004	11	0	827-1801	2005	8	0	9501-0138	2007	11	80
065-0203	1996	3	0	534-10001	2004	12	0	827-1801	2005	9	1	9501-0138	2007	12	0
065-0203	1996	4	50	534-10001	2005	1	0	827-1801	2005	10	0	9501-0138	2008	1	0
065-0203	1996	5	0	534-10001	2005	2	0	827-1801	2005	11	0	9501-0138	2008	2	0
065-0203	1996	6	20	534-10001	2005	3	0	827-1801	2005	12	0	9501-0138	2008	3	0
065-0203	1996	7	0	534-10001	2005	4	0	827-1801	2006	1	0	9501-0138	2008	4	0
065-0203	1996	8	0	534-10001	2005	5	0	827-1801	2006	2	0	9501-0138	2008	5	0
065-0203	1996	9	3	534-10001	2005	6	0	827-1801	2006	3	0	9501-0138	2008	6	0
065-0203	1996	10	0	534-10001	2005	7	0	827-1801	2006	4	0	9501-0138	2008	7	0
065-0203	1996	11	0	534-10001	2005	8	0	827-1801	2006	5	0	9501-0138	2008	8	80
065-0203	1996	12	0	534-10001	2005	9	0	827-1801	2006	6	2	9501-0138	2008	9	0
065-0203	1997	1	0	534-10001	2005	10	0	827-1801	2006	7	0	9501-0138	2008	10	0
065-0203	1997	2	10	534-10001	2005	11	0	827-1801	2006	8	0	9501-0138	2008	11	400
065-0203	1997	3	0	534-10001	2005	12	0	827-1801	2006	9	0	9501-0138	2008	12	0
065-0203	1997	4	0	534-10001	2006	1	0	827-1801	2006	10	0	9501-0138	2009	1	0
065-0203	1997	5	22	534-10001	2006	2	0	827-1801	2006	11	0	9501-0138	2009	2	0
065-0203	1997	6	0	534-10001	2006	3	0	827-1801	2006	12	2	9501-0138	2009	3	0
065-0203	1997	7	119	534-10001	2006	4	0	827-1801	2007	1	0	9501-0140	2001	1	0
065-0203	1997	8	2	534-10001	2006	5	0	827-1801	2007	2	0	9501-0140	2001	2	0
065-0203	1997	9	0	534-10001	2006	6	0	827-1801	2007	3	0	9501-0140	2001	3	0
065-0203	1997	10	10	534-10001	2006	7	0	827-1801	2007	4	0	9501-0140	2001	4	0
065-0203	1997	11	0	534-10001	2006	8	0	827-1801	2007	5	0	9501-0140	2001	5	0
065-0203	1997	12	0	534-10001	2006	9	0	827-1801	2007	6	0	9501-0140	2001	6	0
065-0203	1998	1	0	534-10001	2006	10	0	827-1801	2007	7	1	9501-0140	2001	7	0
065-0203	1998	2	0	534-10001	2006	11	0	827-1801	2007	8	0	9501-0140	2001	8	0
065-0203	1998	3	0	534-10001	2006	12	0	827-1801	2007	9	2	9501-0140	2001	9	0
065-0203	1998	4	2	534-10001	2007	1	0	827-1801	2007	10	2	9501-0140	2001	10	800
065-0203	1998	5	80	534-10001	2007	2	0	827-1801	2007	11	0	9501-0140	2001	11	0
065-0203	1998	6	0	534-10001	2007	3	0	827-1801	2007	12	0	9501-0140	2001	12	0
065-0203	1998	7	12	534-10001	2007	4	0	827-1801	2008	1	0	9501-0140	2002	1	0
065-0203	1998	8	0	534-10001	2007	5	0	827-1801	2008	2	0	9501-0140	2002	2	660
065-0203	1998	9	15	534-10001	2007	6	0	827-1801	2008	3	0	9501-0140	2002	3	0
065-0203	1998	10	0	534-10001	2007	7	0	827-1801	2008	4	0	9501-0140	2002	4	0
065-0203	1998	11	0	534-10001	2007	8	0	827-1801	2008	5	0	9501-0140	2002	5	0
065-0203	1998	12	100	534-10001	2007	9	0	827-1801	2008	6	0	9501-0140	2002	6	0
065-0203	1999	1	0	534-10001	2007	10	0	827-1801	2008	7	0	9501-0140	2002	7	0
065-0203	1999	2	0	534-10001	2007	11	0	827-1801	2008	8	0	9501-0140	2002	8	0
065-0203	1999	3	0	534-10001	2007	12	160	827-1801	2008	9	0	9501-0140	2002	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-0203	1999	4	0	534-10001	2008	1	356	827-1801	2008	10	0	9501-0140	2002	10	0
065-0203	1999	5	47	534-10001	2008	2	0	827-1801	2008	11	0	9501-0140	2002	11	0
065-0203	1999	6	0	534-10001	2008	3	0	827-1801	2008	12	0	9501-0140	2002	12	0
065-0203	1999	7	0	534-10001	2008	4	170	827-1801	2009	1	0	9501-0140	2003	1	0
065-0203	1999	8	50	534-10001	2008	5	0	827-1801	2009	2	0	9501-0140	2003	2	0
065-0203	1999	9	2	534-10001	2008	6	0	827-1801	2009	3	0	9501-0140	2003	3	0
065-0203	1999	10	0	534-10001	2008	7	0	827-1815	1995	1	0	9501-0140	2003	4	0
065-0203	1999	11	0	534-10001	2008	8	0	827-1815	1995	2	4	9501-0140	2003	5	0
065-0203	1999	12	0	534-10001	2008	9	0	827-1815	1995	3	0	9501-0140	2003	6	0
065-0203	2000	1	24	534-10001	2008	10	0	827-1815	1995	4	0	9501-0140	2003	7	0
065-0203	2000	2	0	534-10001	2008	11	0	827-1815	1995	5	1	9501-0140	2003	8	0
065-0203	2000	3	0	534-10001	2008	12	0	827-1815	1995	6	0	9501-0140	2003	9	0
065-0203	2000	4	270	534-10001	2009	1	90	827-1815	1995	7	0	9501-0140	2003	10	0
065-0203	2000	5	100	534-10001	2009	2	0	827-1815	1995	8	6	9501-0140	2003	11	153
065-0203	2000	6	0	534-10001	2009	3	0	827-1815	1995	9	0	9501-0140	2003	12	0
065-0203	2000	7	0	541-08001	2001	1	0	827-1815	1995	10	0	9501-0140	2004	1	0
065-0203	2000	8	0	541-08001	2001	2	0	827-1815	1995	11	0	9501-0140	2004	2	0
065-0203	2000	9	0	541-08001	2001	3	0	827-1815	1995	12	0	9501-0140	2004	3	0
065-0203	2000	10	0	541-08001	2001	4	0	827-1815	1996	1	0	9501-0140	2004	4	0
065-0203	2000	11	0	541-08001	2001	5	2	827-1815	1996	2	0	9501-0140	2004	5	0
065-0203	2000	12	50	541-08001	2001	6	0	827-1815	1996	3	0	9501-0140	2004	6	0
065-0203	2001	1	0	541-08001	2001	7	1	827-1815	1996	4	0	9501-0140	2004	7	0
065-0203	2001	2	100	541-08001	2001	8	0	827-1815	1996	5	0	9501-0140	2004	8	0
065-0203	2001	3	0	541-08001	2001	9	0	827-1815	1996	6	0	9501-0140	2004	9	450
065-0203	2001	4	0	541-08001	2001	10	0	827-1815	1996	7	0	9501-0140	2004	10	0
065-0203	2001	5	0	541-08001	2001	11	72	827-1815	1996	8	0	9501-0140	2004	11	0
065-0203	2001	6	0	541-08001	2001	12	0	827-1815	1996	9	0	9501-0140	2004	12	0
065-0203	2001	7	0	541-08001	2002	1	0	827-1815	1996	10	0	9501-0140	2005	1	600
065-0203	2001	8	100	541-08001	2002	2	0	827-1815	1996	11	0	9501-0140	2005	2	0
065-0203	2001	9	0	541-08001	2002	3	0	827-1815	1996	12	0	9501-0140	2005	3	10
065-0203	2001	10	372	541-08001	2002	4	20	827-1815	1997	1	1	9501-0140	2005	4	0
065-0203	2001	11	0	541-08001	2002	5	0	827-1815	1997	2	0	9501-0140	2005	5	0
065-0203	2001	12	0	541-08001	2002	6	0	827-1815	1997	3	5	9501-0140	2005	6	900
065-0203	2002	1	3	541-08001	2002	7	0	827-1815	1997	4	0	9501-0140	2005	7	0
065-0203	2002	2	2	541-08001	2002	8	20	827-1815	1997	5	0	9501-0140	2005	8	0
065-0203	2002	3	2	541-08001	2002	9	0	827-1815	1997	6	2	9501-0140	2005	9	0
065-0203	2002	4	0	541-08001	2002	10	0	827-1815	1997	7	0	9501-0140	2005	10	1400
065-0203	2002	5	0	541-08001	2002	11	0	827-1815	1997	8	0	9501-0140	2005	11	0
065-0203	2002	6	0	541-08001	2002	12	0	827-1815	1997	9	0	9501-0140	2005	12	0
065-0203	2002	7	0	541-08001	2003	1	0	827-1815	1997	10	0	9501-0140	2006	1	0
065-0203	2002	8	0	541-08001	2003	2	0	827-1815	1997	11	0	9501-0140	2006	2	0
065-0203	2002	9	0	541-08001	2003	3	0	827-1815	1997	12	0	9501-0140	2006	3	0
065-0203	2002	10	0	541-08001	2003	4	0	827-1815	1998	1	2	9501-0140	2006	4	0
065-0203	2002	11	1	541-08001	2003	5	0	827-1815	1998	2	0	9501-0140	2006	5	0
065-0203	2002	12	0	541-08001	2003	6	0	827-1815	1998	3	0	9501-0140	2006	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-0203	2003	1	0	541-08001	2003	7	0	827-1815	1998	4	0	9501-0140	2006	7	84
065-0203	2003	2	0	541-08001	2003	8	0	827-1815	1998	5	0	9501-0140	2006	8	0
065-0203	2003	3	0	541-08001	2003	9	0	827-1815	1998	6	0	9501-0140	2006	9	0
065-0203	2003	4	0	541-08001	2003	10	0	827-1815	1998	7	3	9501-0140	2006	10	0
065-0203	2003	5	0	541-08001	2003	11	0	827-1815	1998	8	12	9501-0140	2006	11	0
065-0203	2003	6	0	541-08001	2003	12	0	827-1815	1998	9	0	9501-0140	2006	12	0
065-0203	2003	7	0	541-08001	2004	1	5	827-1815	1998	10	0	9501-0140	2007	1	0
065-0203	2003	8	0	541-08001	2004	2	0	827-1815	1998	11	0	9501-0140	2007	2	0
065-0203	2003	9	0	541-08001	2004	3	0	827-1815	1998	12	0	9501-0140	2007	3	0
065-0203	2003	10	0	541-08001	2004	4	0	827-1815	1999	1	0	9501-0140	2007	4	0
065-0203	2003	11	100	541-08001	2004	5	0	827-1815	1999	2	0	9501-0140	2007	5	0
065-0203	2003	12	0	541-08001	2004	6	0	827-1815	1999	3	0	9501-0140	2007	6	0
065-0203	2004	1	0	541-08001	2004	7	0	827-1815	1999	4	0	9501-0140	2007	7	0
065-0203	2004	2	0	541-08001	2004	8	2	827-1815	1999	5	2	9501-0140	2007	8	0
065-0203	2004	3	0	541-08001	2004	9	0	827-1815	1999	6	0	9501-0140	2007	9	0
065-0203	2004	4	0	541-08001	2004	10	0	827-1815	1999	7	0	9501-0140	2007	10	0
065-0203	2004	5	0	541-08001	2004	11	0	827-1815	1999	8	0	9501-0140	2007	11	80
065-0203	2004	6	0	541-08001	2004	12	0	827-1815	1999	9	0	9501-0140	2007	12	0
065-0203	2004	7	0	541-08001	2005	1	0	827-1815	1999	10	0	9501-0140	2008	1	0
065-0203	2004	8	0	541-08001	2005	2	0	827-1815	1999	11	1	9501-0140	2008	2	0
065-0203	2004	9	0	541-08001	2005	3	0	827-1815	1999	12	0	9501-0140	2008	3	0
065-0203	2004	10	0	541-08001	2005	4	0	827-1815	2000	1	8	9501-0140	2008	4	355
065-0203	2004	11	4	541-08001	2005	5	0	827-1815	2000	2	2	9501-0140	2008	5	0
065-0203	2004	12	0	541-08001	2005	6	0	827-1815	2000	3	0	9501-0140	2008	6	0
065-0203	2005	1	0	541-08001	2005	7	0	827-1815	2000	4	10	9501-0140	2008	7	500
065-0203	2005	2	0	541-08001	2005	8	0	827-1815	2000	5	0	9501-0140	2008	8	80
065-0203	2005	3	0	541-08001	2005	9	0	827-1815	2000	6	3	9501-0140	2008	9	0
065-0203	2005	4	0	541-08001	2005	10	0	827-1815	2000	7	0	9501-0140	2008	10	0
065-0203	2005	5	0	541-08001	2005	11	0	827-1815	2000	8	1	9501-0140	2008	11	0
065-0203	2005	6	0	541-08001	2005	12	0	827-1815	2000	9	10	9501-0140	2008	12	0
065-0203	2005	7	5	541-08001	2006	1	0	827-1815	2000	10	0	9501-0140	2009	1	0
065-0203	2005	8	0	541-08001	2006	2	0	827-1815	2000	11	0	9501-0140	2009	2	0
065-0203	2005	9	0	541-08001	2006	3	0	827-1815	2000	12	0	9501-0140	2009	3	0
065-0203	2005	10	0	541-08001	2006	4	0	827-1815	2001	1	0	9501-0144	1998	1	0
065-0203	2005	11	0	541-08001	2006	5	0	827-1815	2001	2	0	9501-0144	1998	2	0
065-0203	2005	12	0	541-08001	2006	6	0	827-1815	2001	3	5	9501-0144	1998	3	0
065-0203	2006	1	0	541-08001	2006	7	0	827-1815	2001	4	10	9501-0144	1998	4	0
065-0203	2006	2	0	541-08001	2006	8	0	827-1815	2001	5	0	9501-0144	1998	5	0
065-0203	2006	3	0	541-08001	2006	9	0	827-1815	2001	6	0	9501-0144	1998	6	0
065-0203	2006	4	0	541-08001	2006	10	10	827-1815	2001	7	0	9501-0144	1998	7	0
065-0203	2006	5	0	541-08001	2006	11	20	827-1815	2001	8	0	9501-0144	1998	8	0
065-0203	2006	6	0	541-08001	2006	12	0	827-1815	2001	9	0	9501-0144	1998	9	0
065-0203	2006	7	0	541-08001	2007	1	0	827-1815	2001	10	6	9501-0144	1998	10	2
065-0203	2006	8	0	541-08001	2007	2	0	827-1815	2001	11	0	9501-0144	1998	11	0
065-0203	2006	9	0	541-08001	2007	3	0	827-1815	2001	12	0	9501-0144	1998	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-0203	2006	10	0	541-08001	2007	4	0	827-1815	2002	1	0	9501-0144	1999	1	77
065-0203	2006	11	10	541-08001	2007	5	0	827-1815	2002	2	0	9501-0144	1999	2	0
065-0203	2006	12	0	541-08001	2007	6	0	827-1815	2002	3	6	9501-0144	1999	3	0
065-0203	2007	1	0	541-08001	2007	7	0	827-1815	2002	4	0	9501-0144	1999	4	0
065-0203	2007	2	0	541-08001	2007	8	0	827-1815	2002	5	0	9501-0144	1999	5	0
065-0203	2007	3	0	541-08001	2007	9	0	827-1815	2002	6	0	9501-0144	1999	6	0
065-0203	2007	4	0	541-08001	2007	10	0	827-1815	2002	7	0	9501-0144	1999	7	0
065-0203	2007	5	0	541-08001	2007	11	36	827-1815	2002	8	0	9501-0144	1999	8	29
065-0203	2007	6	0	541-08001	2007	12	0	827-1815	2002	9	0	9501-0144	1999	9	0
065-0203	2007	7	0	541-08001	2008	1	0	827-1815	2002	10	0	9501-0144	1999	10	31
065-0203	2007	8	0	541-08001	2008	2	0	827-1815	2002	11	4	9501-0144	1999	11	0
065-0203	2007	9	0	541-08001	2008	3	0	827-1815	2002	12	0	9501-0144	1999	12	0
065-0203	2007	10	6	541-08001	2008	4	20	827-1815	2003	1	0	9501-0144	2000	1	58
065-0203	2007	11	0	541-08001	2008	5	4	827-1815	2003	2	0	9501-0144	2000	2	0
065-0203	2007	12	0	541-08001	2008	6	0	827-1815	2003	3	4	9501-0144	2000	3	7
065-0203	2008	1	8	541-08001	2008	7	0	827-1815	2003	4	0	9501-0144	2000	4	0
065-0203	2008	2	0	541-08001	2008	8	0	827-1815	2003	5	8	9501-0144	2000	5	0
065-0203	2008	3	0	541-08001	2008	9	5	827-1815	2003	6	5	9501-0144	2000	6	0
065-0203	2008	4	51	541-08001	2008	10	0	827-1815	2003	7	0	9501-0144	2000	7	0
065-0203	2008	5	0	541-08001	2008	11	0	827-1815	2003	8	0	9501-0144	2000	8	5
065-0203	2008	6	0	541-08001	2008	12	0	827-1815	2003	9	0	9501-0144	2000	9	0
065-0203	2008	7	0	541-08001	2009	1	0	827-1815	2003	10	0	9501-0144	2000	10	26
065-0203	2008	8	0	541-08001	2009	2	0	827-1815	2003	11	8	9501-0144	2000	11	0
065-0203	2008	9	2	541-08001	2009	3	0	827-1815	2003	12	0	9501-0144	2000	12	0
065-0203	2008	10	0	541-08002	2001	1	0	827-1815	2004	1	8	9501-0144	2001	1	0
065-0203	2008	11	0	541-08002	2001	2	0	827-1815	2004	2	0	9501-0144	2001	2	0
065-0203	2008	12	0	541-08002	2001	3	0	827-1815	2004	3	0	9501-0144	2001	3	0
065-0203	2009	1	0	541-08002	2001	4	0	827-1815	2004	4	8	9501-0144	2001	4	0
065-0203	2009	2	0	541-08002	2001	5	16	827-1815	2004	5	2	9501-0144	2001	5	0
065-0203	2009	3	0	541-08002	2001	6	0	827-1815	2004	6	0	9501-0144	2001	6	0
065-1492	1995	1	0	541-08002	2001	7	0	827-1815	2004	7	0	9501-0144	2001	7	0
065-1492	1995	2	45	541-08002	2001	8	0	827-1815	2004	8	2	9501-0144	2001	8	0
065-1492	1995	3	200	541-08002	2001	9	0	827-1815	2004	9	0	9501-0144	2001	9	0
065-1492	1995	4	10	541-08002	2001	10	0	827-1815	2004	10	12	9501-0144	2001	10	0
065-1492	1995	5	0	541-08002	2001	11	612	827-1815	2004	11	0	9501-0144	2001	11	0
065-1492	1995	6	90	541-08002	2001	12	0	827-1815	2004	12	0	9501-0144	2001	12	4
065-1492	1995	7	0	541-08002	2002	1	0	827-1815	2005	1	0	9501-0144	2002	1	0
065-1492	1995	8	1250	541-08002	2002	2	0	827-1815	2005	2	4	9501-0144	2002	2	0
065-1492	1995	9	0	541-08002	2002	3	0	827-1815	2005	3	0	9501-0144	2002	3	0
065-1492	1995	10	0	541-08002	2002	4	0	827-1815	2005	4	0	9501-0144	2002	4	0
065-1492	1995	11	0	541-08002	2002	5	1	827-1815	2005	5	4	9501-0144	2002	5	0
065-1492	1995	12	0	541-08002	2002	6	0	827-1815	2005	6	0	9501-0144	2002	6	0
065-1492	1996	1	0	541-08002	2002	7	0	827-1815	2005	7	0	9501-0144	2002	7	0
065-1492	1996	2	10	541-08002	2002	8	0	827-1815	2005	8	0	9501-0144	2002	8	0
065-1492	1996	3	0	541-08002	2002	9	30	827-1815	2005	9	0	9501-0144	2002	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-1492	1996	4	1350	541-08002	2002	10	0	827-1815	2005	10	0	9501-0144	2002	10	1
065-1492	1996	5	65	541-08002	2002	11	0	827-1815	2005	11	0	9501-0144	2002	11	0
065-1492	1996	6	10	541-08002	2002	12	0	827-1815	2005	12	0	9501-0144	2002	12	0
065-1492	1996	7	1000	541-08002	2003	1	0	827-1815	2006	1	10	9501-0144	2003	1	10
065-1492	1996	8	0	541-08002	2003	2	0	827-1815	2006	2	14	9501-0144	2003	2	4
065-1492	1996	9	24	541-08002	2003	3	0	827-1815	2006	3	0	9501-0144	2003	3	0
065-1492	1996	10	409	541-08002	2003	4	0	827-1815	2006	4	0	9501-0144	2003	4	1
065-1492	1996	11	230	541-08002	2003	5	110	827-1815	2006	5	0	9501-0144	2003	5	0
065-1492	1996	12	60	541-08002	2003	6	0	827-1815	2006	6	12	9501-0144	2003	6	0
065-1492	1997	1	133	541-08002	2003	7	0	827-1815	2006	7	0	9501-0144	2003	7	0
065-1492	1997	2	430	541-08002	2003	8	0	827-1815	2006	8	0	9501-0144	2003	8	3
065-1492	1997	3	2744	541-08002	2003	9	0	827-1815	2006	9	0	9501-0144	2003	9	1
065-1492	1997	4	0	541-08002	2003	10	0	827-1815	2006	10	0	9501-0144	2003	10	0
065-1492	1997	5	2	541-08002	2003	11	0	827-1815	2006	11	0	9501-0144	2003	11	0
065-1492	1997	6	240	541-08002	2003	12	4	827-1815	2006	12	0	9501-0144	2003	12	0
065-1492	1997	7	20	541-08002	2004	1	0	827-1815	2007	1	0	9501-0144	2004	1	0
065-1492	1997	8	6	541-08002	2004	2	0	827-1815	2007	2	0	9501-0144	2004	2	0
065-1492	1997	9	18	541-08002	2004	3	0	827-1815	2007	3	0	9501-0144	2004	3	0
065-1492	1997	10	0	541-08002	2004	4	0	827-1815	2007	4	0	9501-0144	2004	4	0
065-1492	1997	11	0	541-08002	2004	5	0	827-1815	2007	5	0	9501-0144	2004	5	0
065-1492	1997	12	60	541-08002	2004	6	0	827-1815	2007	6	0	9501-0144	2004	6	0
065-1492	1998	1	2000	541-08002	2004	7	0	827-1815	2007	7	0	9501-0144	2004	7	3
065-1492	1998	2	0	541-08002	2004	8	0	827-1815	2007	8	0	9501-0144	2004	8	0
065-1492	1998	3	0	541-08002	2004	9	2	827-1815	2007	9	4	9501-0144	2004	9	1
065-1492	1998	4	0	541-08002	2004	10	0	827-1815	2007	10	10	9501-0144	2004	10	0
065-1492	1998	5	350	541-08002	2004	11	1	827-1815	2007	11	9	9501-0144	2004	11	0
065-1492	1998	6	2	541-08002	2004	12	0	827-1815	2007	12	0	9501-0144	2004	12	0
065-1492	1998	7	230	541-08002	2005	1	0	827-1815	2008	1	0	9501-0144	2005	1	0
065-1492	1998	8	0	541-08002	2005	2	0	827-1815	2008	2	6	9501-0144	2005	2	0
065-1492	1998	9	1000	541-08002	2005	3	0	827-1815	2008	3	0	9501-0144	2005	3	0
065-1492	1998	10	50	541-08002	2005	4	0	827-1815	2008	4	0	9501-0144	2005	4	0
065-1492	1998	11	12	541-08002	2005	5	0	827-1815	2008	5	0	9501-0144	2005	5	0
065-1492	1998	12	0	541-08002	2005	6	0	827-1815	2008	6	0	9501-0144	2005	6	0
065-1492	1999	1	900	541-08002	2005	7	0	827-1815	2008	7	0	9501-0144	2005	7	0
065-1492	1999	2	850	541-08002	2005	8	4	827-1815	2008	8	0	9501-0144	2005	8	0
065-1492	1999	3	0	541-08002	2005	9	2	827-1815	2008	9	0	9501-0144	2005	9	0
065-1492	1999	4	0	541-08002	2005	10	0	827-1815	2008	10	0	9501-0144	2005	10	0
065-1492	1999	5	0	541-08002	2005	11	1	827-1815	2008	11	0	9501-0144	2005	11	0
065-1492	1999	6	0	541-08002	2005	12	0	827-1815	2008	12	0	9501-0144	2005	12	0
065-1492	1999	7	0	541-08002	2006	1	0	827-1815	2009	1	0	9501-0144	2006	1	0
065-1492	1999	8	153	541-08002	2006	2	0	827-1815	2009	2	0	9501-0144	2006	2	0
065-1492	1999	9	50	541-08002	2006	3	0	827-1815	2009	3	0	9501-0144	2006	3	0
065-1492	1999	10	1	541-08002	2006	4	0	827-1900	1995	1	0	9501-0144	2006	4	0
065-1492	1999	11	84	541-08002	2006	5	0	827-1900	1995	2	0	9501-0144	2006	5	0
065-1492	1999	12	0	541-08002	2006	6	0	827-1900	1995	3	0	9501-0144	2006	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-1492	2000	1	0	541-08002	2006	7	0	827-1900	1995	4	0	9501-0144	2006	7	0
065-1492	2000	2	751	541-08002	2006	8	0	827-1900	1995	5	6	9501-0144	2006	8	6
065-1492	2000	3	2	541-08002	2006	9	0	827-1900	1995	6	34	9501-0144	2006	9	0
065-1492	2000	4	610	541-08002	2006	10	2	827-1900	1995	7	0	9501-0144	2006	10	0
065-1492	2000	5	0	541-08002	2006	11	0	827-1900	1995	8	0	9501-0144	2006	11	0
065-1492	2000	6	1000	541-08002	2006	12	0	827-1900	1995	9	0	9501-0144	2006	12	0
065-1492	2000	7	0	541-08002	2007	1	0	827-1900	1995	10	0	9501-0144	2007	1	6
065-1492	2000	8	0	541-08002	2007	2	0	827-1900	1995	11	0	9501-0144	2007	2	0
065-1492	2000	9	0	541-08002	2007	3	0	827-1900	1995	12	0	9501-0144	2007	3	0
065-1492	2000	10	0	541-08002	2007	4	2	827-1900	1996	1	0	9501-0144	2007	4	0
065-1492	2000	11	0	541-08002	2007	5	0	827-1900	1996	2	0	9501-0144	2007	5	0
065-1492	2000	12	522	541-08002	2007	6	0	827-1900	1996	3	0	9501-0144	2007	6	0
065-1492	2001	1	10	541-08002	2007	7	0	827-1900	1996	4	0	9501-0144	2007	7	0
065-1492	2001	2	500	541-08002	2007	8	0	827-1900	1996	5	0	9501-0144	2007	8	0
065-1492	2001	3	400	541-08002	2007	9	0	827-1900	1996	6	0	9501-0144	2007	9	0
065-1492	2001	4	0	541-08002	2007	10	0	827-1900	1996	7	0	9501-0144	2007	10	0
065-1492	2001	5	100	541-08002	2007	11	30	827-1900	1996	8	0	9501-0144	2007	11	0
065-1492	2001	6	1400	541-08002	2007	12	0	827-1900	1996	9	0	9501-0144	2007	12	0
065-1492	2001	7	0	541-08002	2008	1	0	827-1900	1996	10	0	9501-0144	2008	1	0
065-1492	2001	8	150	541-08002	2008	2	0	827-1900	1996	11	0	9501-0144	2008	2	0
065-1492	2001	9	0	541-08002	2008	3	0	827-1900	1996	12	0	9501-0144	2008	3	0
065-1492	2001	10	100	541-08002	2008	4	140	827-1900	1997	1	0	9501-0144	2008	4	0
065-1492	2001	11	20	541-08002	2008	5	2	827-1900	1997	2	0	9501-0144	2008	5	0
065-1492	2001	12	0	541-08002	2008	6	0	827-1900	1997	3	0	9501-0144	2008	6	0
065-1492	2002	1	0	541-08002	2008	7	0	827-1900	1997	4	0	9501-0144	2008	7	0
065-1492	2002	2	268	541-08002	2008	8	0	827-1900	1997	5	0	9501-0144	2008	8	0
065-1492	2002	3	16	541-08002	2008	9	0	827-1900	1997	6	0	9501-0144	2008	9	0
065-1492	2002	4	23	541-08002	2008	10	0	827-1900	1997	7	0	9501-0144	2008	10	0
065-1492	2002	5	0	541-08002	2008	11	0	827-1900	1997	8	0	9501-0144	2008	11	0
065-1492	2002	6	320	541-08002	2008	12	0	827-1900	1997	9	0	9501-0144	2008	12	0
065-1492	2002	7	0	541-08002	2009	1	0	827-1900	1997	10	0	9501-0144	2009	1	0
065-1492	2002	8	150	541-08002	2009	2	0	827-1900	1997	11	0	9501-0144	2009	2	0
065-1492	2002	9	0	541-08002	2009	3	0	827-1900	1997	12	0	9501-0144	2009	3	0
065-1492	2002	10	0	609056001	2003	1	0	827-1900	1998	1	0	9501-0152	1997	1	0
065-1492	2002	11	0	609056001	2003	2	0	827-1900	1998	2	0	9501-0152	1997	2	0
065-1492	2002	12	0	609056001	2003	3	800	827-1900	1998	3	0	9501-0152	1997	3	0
065-1492	2003	1	0	609056001	2003	4	0	827-1900	1998	4	0	9501-0152	1997	4	0
065-1492	2003	2	0	609056001	2003	5	0	827-1900	1998	5	50	9501-0152	1997	5	0
065-1492	2003	3	100	609056001	2003	6	1200	827-1900	1998	6	0	9501-0152	1997	6	0
065-1492	2003	4	362	609056001	2003	7	0	827-1900	1998	7	0	9501-0152	1997	7	0
065-1492	2003	5	0	609056001	2003	8	0	827-1900	1998	8	0	9501-0152	1997	8	0
065-1492	2003	6	14	609056001	2003	9	0	827-1900	1998	9	0	9501-0152	1997	9	0
065-1492	2003	7	0	609056001	2003	10	0	827-1900	1998	10	0	9501-0152	1997	10	4
065-1492	2003	8	0	609056001	2003	11	0	827-1900	1998	11	0	9501-0152	1997	11	0
065-1492	2003	9	200	609056001	2003	12	0	827-1900	1998	12	0	9501-0152	1997	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-1492	2003	10	0	609056001	2004	1	0	827-1900	1999	1	0	9501-0152	1998	1	0
065-1492	2003	11	0	609056001	2004	2	0	827-1900	1999	2	0	9501-0152	1998	2	10
065-1492	2003	12	0	609056001	2004	3	0	827-1900	1999	3	0	9501-0152	1998	3	0
065-1492	2004	1	64	609056001	2004	4	0	827-1900	1999	4	0	9501-0152	1998	4	0
065-1492	2004	2	200	609056001	2004	5	0	827-1900	1999	5	0	9501-0152	1998	5	0
065-1492	2004	3	18	609056001	2004	6	0	827-1900	1999	6	0	9501-0152	1998	6	17
065-1492	2004	4	0	609056001	2004	7	1200	827-1900	1999	7	0	9501-0152	1998	7	0
065-1492	2004	5	0	609056001	2004	8	0	827-1900	1999	8	0	9501-0152	1998	8	20
065-1492	2004	6	0	609056001	2004	9	1200	827-1900	1999	9	0	9501-0152	1998	9	0
065-1492	2004	7	0	609056001	2004	10	0	827-1900	1999	10	79	9501-0152	1998	10	0
065-1492	2004	8	0	609056001	2004	11	0	827-1900	1999	11	0	9501-0152	1998	11	0
065-1492	2004	9	8	609056001	2004	12	0	827-1900	1999	12	1	9501-0152	1998	12	13
065-1492	2004	10	0	609056001	2005	1	1	827-1900	2000	1	3	9501-0152	1999	1	0
065-1492	2004	11	108	609056001	2005	2	0	827-1900	2000	2	0	9501-0152	1999	2	176
065-1492	2004	12	0	609056001	2005	3	1500	827-1900	2000	3	12	9501-0152	1999	3	0
065-1492	2005	1	18	609056001	2005	4	0	827-1900	2000	4	0	9501-0152	1999	4	0
065-1492	2005	2	0	609056001	2005	5	0	827-1900	2000	5	0	9501-0152	1999	5	0
065-1492	2005	3	0	609056001	2005	6	0	827-1900	2000	6	0	9501-0152	1999	6	0
065-1492	2005	4	14	609056001	2005	7	1750	827-1900	2000	7	0	9501-0152	1999	7	0
065-1492	2005	5	20	609056001	2005	8	0	827-1900	2000	8	0	9501-0152	1999	8	0
065-1492	2005	6	0	609056001	2005	9	0	827-1900	2000	9	0	9501-0152	1999	9	0
065-1492	2005	7	0	609056001	2005	10	0	827-1900	2000	10	0	9501-0152	1999	10	0
065-1492	2005	8	0	609056001	2005	11	0	827-1900	2000	11	0	9501-0152	1999	11	0
065-1492	2005	9	0	609056001	2005	12	0	827-1900	2000	12	0	9501-0152	1999	12	0
065-1492	2005	10	29	609056001	2006	1	0	827-1900	2001	1	0	9501-0152	2000	1	0
065-1492	2005	11	0	609056001	2006	2	0	827-1900	2001	2	0	9501-0152	2000	2	50
065-1492	2005	12	0	609056001	2006	3	0	827-1900	2001	3	0	9501-0152	2000	3	27
065-1492	2006	1	0	609056001	2006	4	0	827-1900	2001	4	12	9501-0152	2000	4	0
065-1492	2006	2	240	609056001	2006	5	0	827-1900	2001	5	1	9501-0152	2000	5	18
065-1492	2006	3	101	609056001	2006	6	0	827-1900	2001	6	0	9501-0152	2000	6	0
065-1492	2006	4	0	609056001	2006	7	0	827-1900	2001	7	2	9501-0152	2000	7	38
065-1492	2006	5	0	609056001	2006	8	0	827-1900	2001	8	0	9501-0152	2000	8	150
065-1492	2006	6	40	609056001	2006	9	10	827-1900	2001	9	0	9501-0152	2000	9	0
065-1492	2006	7	9	609056001	2006	10	4	827-1900	2001	10	0	9501-0152	2000	10	0
065-1492	2006	8	0	609056001	2006	11	0	827-1900	2001	11	0	9501-0152	2000	11	0
065-1492	2006	9	18	609056001	2006	12	0	827-1900	2001	12	0	9501-0152	2000	12	0
065-1492	2006	10	0	609056001	2007	1	0	827-1900	2002	1	0	9501-0152	2001	1	0
065-1492	2006	11	0	609056001	2007	2	0	827-1900	2002	2	0	9501-0152	2001	2	0
065-1492	2006	12	0	609056001	2007	3	20	827-1900	2002	3	0	9501-0152	2001	3	0
065-1492	2007	1	0	609056001	2007	4	0	827-1900	2002	4	0	9501-0152	2001	4	0
065-1492	2007	2	0	609056001	2007	5	0	827-1900	2002	5	0	9501-0152	2001	5	0
065-1492	2007	3	0	609056001	2007	6	0	827-1900	2002	6	0	9501-0152	2001	6	0
065-1492	2007	4	0	609056001	2007	7	0	827-1900	2002	7	0	9501-0152	2001	7	0
065-1492	2007	5	180	609056001	2007	8	0	827-1900	2002	8	0	9501-0152	2001	8	0
065-1492	2007	6	0	609056001	2007	9	0	827-1900	2002	9	0	9501-0152	2001	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-1492	2007	7	0	609056001	2007	10	0	827-1900	2002	10	0	9501-0152	2001	10	0
065-1492	2007	8	0	609056001	2007	11	20	827-1900	2002	11	0	9501-0152	2001	11	0
065-1492	2007	9	0	609056001	2007	12	20	827-1900	2002	12	0	9501-0152	2001	12	0
065-1492	2007	10	50	609056001	2008	1	0	827-1900	2003	1	0	9501-0152	2002	1	0
065-1492	2007	11	0	609056001	2008	2	40	827-1900	2003	2	0	9501-0152	2002	2	0
065-1492	2007	12	0	609056001	2008	3	0	827-1900	2003	3	0	9501-0152	2002	3	0
065-1492	2008	1	0	609056001	2008	4	0	827-1900	2003	4	0	9501-0152	2002	4	0
065-1492	2008	2	30	609056001	2008	5	2	827-1900	2003	5	0	9501-0152	2002	5	0
065-1492	2008	3	0	609056001	2008	6	20	827-1900	2003	6	0	9501-0152	2002	6	0
065-1492	2008	4	390	609056001	2008	7	100	827-1900	2003	7	0	9501-0152	2002	7	0
065-1492	2008	5	30	609056001	2008	8	0	827-1900	2003	8	0	9501-0152	2002	8	0
065-1492	2008	6	0	609056001	2008	9	0	827-1900	2003	9	0	9501-0152	2002	9	0
065-1492	2008	7	0	609056001	2008	10	0	827-1900	2003	10	0	9501-0152	2002	10	0
065-1492	2008	8	8	609056001	2008	11	0	827-1900	2003	11	0	9501-0152	2002	11	0
065-1492	2008	9	0	609056001	2008	12	0	827-1900	2003	12	0	9501-0152	2002	12	0
065-1492	2008	10	0	609056001	2009	1	0	827-1900	2004	1	0	9501-0152	2003	1	0
065-1492	2008	11	0	609056001	2009	2	0	827-1900	2004	2	0	9501-0152	2003	2	0
065-1492	2008	12	0	609056001	2009	3	0	827-1900	2004	3	0	9501-0152	2003	3	0
065-1492	2009	1	4	6100-10009-123A13A1020000	2006	1	0	827-1900	2004	4	0	9501-0152	2003	4	0
065-1492	2009	2	0	6100-10009-123A13A1020000	2006	2	0	827-1900	2004	5	0	9501-0152	2003	5	0
065-1492	2009	3	0	6100-10009-123A13A1020000	2006	3	0	827-1900	2004	6	0	9501-0152	2003	6	0
065-2714	1995	1	0	6100-10009-123A13A1020000	2006	4	0	827-1900	2004	7	0	9501-0152	2003	7	0
065-2714	1995	2	20	6100-10009-123A13A1020000	2006	5	0	827-1900	2004	8	0	9501-0152	2003	8	0
065-2714	1995	3	0	6100-10009-123A13A1020000	2006	6	0	827-1900	2004	9	0	9501-0152	2003	9	0
065-2714	1995	4	0	6100-10009-123A13A1020000	2006	7	0	827-1900	2004	10	0	9501-0152	2003	10	0
065-2714	1995	5	1200	6100-10009-123A13A1020000	2006	8	0	827-1900	2004	11	0	9501-0152	2003	11	0
065-2714	1995	6	0	6100-10009-123A13A1020000	2006	9	0	827-1900	2004	12	0	9501-0152	2003	12	0
065-2714	1995	7	0	6100-10009-123A13A1020000	2006	10	1	827-1900	2005	1	0	9501-0152	2004	1	7
065-2714	1995	8	0	6100-10009-123A13A1020000	2006	11	0	827-1900	2005	2	25	9501-0152	2004	2	0
065-2714	1995	9	0	6100-10009-123A13A1020000	2006	12	0	827-1900	2005	3	0	9501-0152	2004	3	0
065-2714	1995	10	0	6100-10009-123A13A1020000	2007	1	0	827-1900	2005	4	0	9501-0152	2004	4	0
065-2714	1995	11	0	6100-10009-123A13A1020000	2007	2	19	827-1900	2005	5	0	9501-0152	2004	5	2
065-2714	1995	12	0	6100-10009-123A13A1020000	2007	3	0	827-1900	2005	6	0	9501-0152	2004	6	0
065-2714	1996	1	900	6100-10009-123A13A1020000	2007	4	0	827-1900	2005	7	0	9501-0152	2004	7	0
065-2714	1996	2	0	6100-10009-123A13A1020000	2007	5	0	827-1900	2005	8	4	9501-0152	2004	8	0
065-2714	1996	3	0	6100-10009-123A13A1020000	2007	6	0	827-1900	2005	9	0	9501-0152	2004	9	0
065-2714	1996	4	0	6100-10009-123A13A1020000	2007	7	0	827-1900	2005	10	0	9501-0152	2004	10	0
065-2714	1996	5	0	6100-10009-123A13A1020000	2007	8	1	827-1900	2005	11	0	9501-0152	2004	11	0
065-2714	1996	6	0	6100-10009-123A13A1020000	2007	9	0	827-1900	2005	12	0	9501-0152	2004	12	0
065-2714	1996	7	1400	6100-10009-123A13A1020000	2007	10	0	827-1900	2006	1	0	9501-0152	2005	1	0
065-2714	1996	8	0	6100-10009-123A13A1020000	2007	11	0	827-1900	2006	2	0	9501-0152	2005	2	0
065-2714	1996	9	0	6100-10009-123A13A1020000	2007	12	0	827-1900	2006	3	0	9501-0152	2005	3	0
065-2714	1996	10	0	6100-10009-123A13A1020000	2008	1	0	827-1900	2006	4	0	9501-0152	2005	4	0
065-2714	1996	11	0	6100-10009-123A13A1020000	2008	2	0	827-1900	2006	5	0	9501-0152	2005	5	0
065-2714	1996	12	0	6100-10009-123A13A1020000	2008	3	0	827-1900	2006	6	0	9501-0152	2005	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-2714	1997	1	0	6100-10009-123A13A1020000	2008	4	0	827-1900	2006	7	0	9501-0152	2005	7	0
065-2714	1997	2	0	6100-10009-123A13A1020000	2008	5	0	827-1900	2006	8	25	9501-0152	2005	8	0
065-2714	1997	3	0	6100-10009-123A13A1020000	2008	6	0	827-1900	2006	9	0	9501-0152	2005	9	0
065-2714	1997	4	0	6100-10009-123A13A1020000	2008	7	0	827-1900	2006	10	0	9501-0152	2005	10	0
065-2714	1997	5	0	6100-10009-123A13A1020000	2008	8	0	827-1900	2006	11	0	9501-0152	2005	11	0
065-2714	1997	6	0	6100-10009-123A13A1020000	2008	9	0	827-1900	2006	12	0	9501-0152	2005	12	0
065-2714	1997	7	0	6100-10009-123A13A1020000	2008	10	0	827-1900	2007	1	0	9501-0152	2006	1	0
065-2714	1997	8	0	6100-10009-123A13A1020000	2008	11	0	827-1900	2007	2	35	9501-0152	2006	2	0
065-2714	1997	9	0	6100-10009-123A13A1020000	2008	12	0	827-1900	2007	3	0	9501-0152	2006	3	0
065-2714	1997	10	0	6100-10009-123A13A1020000	2009	1	0	827-1900	2007	4	0	9501-0152	2006	4	0
065-2714	1997	11	0	6100-10009-123A13A1020000	2009	2	0	827-1900	2007	5	0	9501-0152	2006	5	0
065-2714	1997	12	0	6100-10009-123A13A1020000	2009	3	0	827-1900	2007	6	0	9501-0152	2006	6	0
065-2714	1998	1	0	6225-01001	2004	1	7	827-1900	2007	7	0	9501-0152	2006	7	0
065-2714	1998	2	0	6225-01001	2004	2	0	827-1900	2007	8	0	9501-0152	2006	8	0
065-2714	1998	3	0	6225-01001	2004	3	0	827-1900	2007	9	0	9501-0152	2006	9	0
065-2714	1998	4	0	6225-01001	2004	4	0	827-1900	2007	10	0	9501-0152	2006	10	0
065-2714	1998	5	0	6225-01001	2004	5	0	827-1900	2007	11	0	9501-0152	2006	11	0
065-2714	1998	6	0	6225-01001	2004	6	0	827-1900	2007	12	0	9501-0152	2006	12	0
065-2714	1998	7	32	6225-01001	2004	7	0	827-1900	2008	1	0	9501-0152	2007	1	0
065-2714	1998	8	0	6225-01001	2004	8	0	827-1900	2008	2	0	9501-0152	2007	2	0
065-2714	1998	9	46	6225-01001	2004	9	0	827-1900	2008	3	0	9501-0152	2007	3	0
065-2714	1998	10	0	6225-01001	2004	10	0	827-1900	2008	4	0	9501-0152	2007	4	0
065-2714	1998	11	0	6225-01001	2004	11	0	827-1900	2008	5	0	9501-0152	2007	5	0
065-2714	1998	12	335	6225-01001	2004	12	0	827-1900	2008	6	0	9501-0152	2007	6	0
065-2714	1999	1	100	6225-01001	2005	1	0	827-1900	2008	7	0	9501-0152	2007	7	0
065-2714	1999	2	0	6225-01001	2005	2	0	827-1900	2008	8	0	9501-0152	2007	8	0
065-2714	1999	3	0	6225-01001	2005	3	0	827-1900	2008	9	0	9501-0152	2007	9	0
065-2714	1999	4	200	6225-01001	2005	4	0	827-1900	2008	10	0	9501-0152	2007	10	0
065-2714	1999	5	20	6225-01001	2005	5	0	827-1900	2008	11	0	9501-0152	2007	11	0
065-2714	1999	6	27	6225-01001	2005	6	0	827-1900	2008	12	0	9501-0152	2007	12	5
065-2714	1999	7	10	6225-01001	2005	7	0	827-1900	2009	1	0	9501-0152	2008	1	0
065-2714	1999	8	53	6225-01001	2005	8	0	827-1900	2009	2	0	9501-0152	2008	2	0
065-2714	1999	9	40	6225-01001	2005	9	15	827-1900	2009	3	0	9501-0152	2008	3	0
065-2714	1999	10	0	6225-01001	2005	10	0	827-1903	1997	1	3	9501-0152	2008	4	0
065-2714	1999	11	0	6225-01001	2005	11	0	827-1903	1997	2	0	9501-0152	2008	5	0
065-2714	1999	12	0	6225-01001	2005	12	0	827-1903	1997	3	0	9501-0152	2008	6	0
065-2714	2000	1	0	6225-01001	2006	1	0	827-1903	1997	4	0	9501-0152	2008	7	0
065-2714	2000	2	20	6225-01001	2006	2	1	827-1903	1997	5	0	9501-0152	2008	8	0
065-2714	2000	3	0	6225-01001	2006	3	1	827-1903	1997	6	0	9501-0152	2008	9	0
065-2714	2000	4	0	6225-01001	2006	4	0	827-1903	1997	7	0	9501-0152	2008	10	0
065-2714	2000	5	0	6225-01001	2006	5	0	827-1903	1997	8	0	9501-0152	2008	11	0
065-2714	2000	6	0	6225-01001	2006	6	0	827-1903	1997	9	0	9501-0152	2008	12	0
065-2714	2000	7	0	6225-01001	2006	7	0	827-1903	1997	10	0	9501-0152	2009	1	0
065-2714	2000	8	0	6225-01001	2006	8	5	827-1903	1997	11	0	9501-0152	2009	2	0
065-2714	2000	9	0	6225-01001	2006	9	0	827-1903	1997	12	0	9501-0152	2009	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-2714	2000	10	0	6225-01001	2006	10	0	827-1903	1998	1	0	9501-0223	1999	1	50
065-2714	2000	11	0	6225-01001	2006	11	0	827-1903	1998	2	0	9501-0223	1999	2	0
065-2714	2000	12	0	6225-01001	2006	12	0	827-1903	1998	3	0	9501-0223	1999	3	0
065-2714	2001	1	0	6225-01001	2007	1	0	827-1903	1998	4	3	9501-0223	1999	4	0
065-2714	2001	2	0	6225-01001	2007	2	0	827-1903	1998	5	0	9501-0223	1999	5	0
065-2714	2001	3	0	6225-01001	2007	3	0	827-1903	1998	6	0	9501-0223	1999	6	0
065-2714	2001	4	0	6225-01001	2007	4	0	827-1903	1998	7	0	9501-0223	1999	7	0
065-2714	2001	5	0	6225-01001	2007	5	0	827-1903	1998	8	0	9501-0223	1999	8	0
065-2714	2001	6	0	6225-01001	2007	6	0	827-1903	1998	9	0	9501-0223	1999	9	0
065-2714	2001	7	50	6225-01001	2007	7	0	827-1903	1998	10	0	9501-0223	1999	10	10
065-2714	2001	8	0	6225-01001	2007	8	0	827-1903	1998	11	0	9501-0223	1999	11	2
065-2714	2001	9	0	6225-01001	2007	9	0	827-1903	1998	12	0	9501-0223	1999	12	0
065-2714	2001	10	0	6225-01001	2007	10	0	827-1903	1999	1	0	9501-0223	2000	1	25
065-2714	2001	11	0	6225-01001	2007	11	10	827-1903	1999	2	0	9501-0223	2000	2	0
065-2714	2001	12	0	6225-01001	2007	12	0	827-1903	1999	3	0	9501-0223	2000	3	0
065-2714	2002	1	0	6225-01001	2008	1	0	827-1903	1999	4	0	9501-0223	2000	4	0
065-2714	2002	2	0	6225-01001	2008	2	0	827-1903	1999	5	0	9501-0223	2000	5	0
065-2714	2002	3	2	6225-01001	2008	3	0	827-1903	1999	6	0	9501-0223	2000	6	0
065-2714	2002	4	0	6225-01001	2008	4	0	827-1903	1999	7	0	9501-0223	2000	7	0
065-2714	2002	5	0	6225-01001	2008	5	0	827-1903	1999	8	0	9501-0223	2000	8	0
065-2714	2002	6	0	6225-01001	2008	6	0	827-1903	1999	9	0	9501-0223	2000	9	0
065-2714	2002	7	0	6225-01001	2008	7	0	827-1903	1999	10	0	9501-0223	2000	10	0
065-2714	2002	8	0	6225-01001	2008	8	0	827-1903	1999	11	0	9501-0223	2000	11	0
065-2714	2002	9	0	6225-01001	2008	9	0	827-1903	1999	12	0	9501-0223	2000	12	1
065-2714	2002	10	0	6225-01001	2008	10	0	827-1903	2000	1	0	9501-0223	2001	1	0
065-2714	2002	11	0	6225-01001	2008	11	0	827-1903	2000	2	2	9501-0223	2001	2	0
065-2714	2002	12	0	6225-01001	2008	12	0	827-1903	2000	3	0	9501-0223	2001	3	17
065-2714	2003	1	0	6225-01001	2009	1	0	827-1903	2000	4	0	9501-0223	2001	4	45
065-2714	2003	2	101	6225-01001	2009	2	0	827-1903	2000	5	0	9501-0223	2001	5	0
065-2714	2003	3	0	6225-01001	2009	3	0	827-1903	2000	6	0	9501-0223	2001	6	0
065-2714	2003	4	0	6G3-145037	1995	1	0	827-1903	2000	7	0	9501-0223	2001	7	0
065-2714	2003	5	0	6G3-145037	1995	2	60	827-1903	2000	8	0	9501-0223	2001	8	0
065-2714	2003	6	50	6G3-145037	1995	3	6	827-1903	2000	9	0	9501-0223	2001	9	0
065-2714	2003	7	0	6G3-145037	1995	4	53	827-1903	2000	10	0	9501-0223	2001	10	0
065-2714	2003	8	0	6G3-145037	1995	5	11	827-1903	2000	11	0	9501-0223	2001	11	0
065-2714	2003	9	0	6G3-145037	1995	6	2	827-1903	2000	12	0	9501-0223	2001	12	5
065-2714	2003	10	300	6G3-145037	1995	7	35	827-1903	2001	1	0	9501-0223	2002	1	0
065-2714	2003	11	0	6G3-145037	1995	8	44	827-1903	2001	2	0	9501-0223	2002	2	0
065-2714	2003	12	100	6G3-145037	1995	9	31	827-1903	2001	3	0	9501-0223	2002	3	0
065-2714	2004	1	0	6G3-145037	1995	10	82	827-1903	2001	4	0	9501-0223	2002	4	0
065-2714	2004	2	0	6G3-145037	1995	11	91	827-1903	2001	5	0	9501-0223	2002	5	0
065-2714	2004	3	0	6G3-145037	1995	12	0	827-1903	2001	6	0	9501-0223	2002	6	0
065-2714	2004	4	0	6G3-145037	1996	1	84	827-1903	2001	7	0	9501-0223	2002	7	0
065-2714	2004	5	66	6G3-145037	1996	2	22	827-1903	2001	8	0	9501-0223	2002	8	0
065-2714	2004	6	18	6G3-145037	1996	3	37	827-1903	2001	9	0	9501-0223	2002	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
065-2714	2004	7	0	6G3-145037	1996	4	70	827-1903	2001	10	0	9501-0223	2002	10	0
065-2714	2004	8	100	6G3-145037	1996	5	47	827-1903	2001	11	0	9501-0223	2002	11	0
065-2714	2004	9	0	6G3-145037	1996	6	0	827-1903	2001	12	2	9501-0223	2002	12	101
065-2714	2004	10	0	6G3-145037	1996	7	101	827-1903	2002	1	0	9501-0223	2003	1	0
065-2714	2004	11	0	6G3-145037	1996	8	75	827-1903	2002	2	0	9501-0223	2003	2	0
065-2714	2004	12	0	6G3-145037	1996	9	107	827-1903	2002	3	0	9501-0223	2003	3	0
065-2714	2005	1	0	6G3-145037	1996	10	81	827-1903	2002	4	0	9501-0223	2003	4	50
065-2714	2005	2	50	6G3-145037	1996	11	57	827-1903	2002	5	0	9501-0223	2003	5	0
065-2714	2005	3	0	6G3-145037	1996	12	27	827-1903	2002	6	0	9501-0223	2003	6	0
065-2714	2005	4	0	6G3-145037	1997	1	183	827-1903	2002	7	0	9501-0223	2003	7	0
065-2714	2005	5	0	6G3-145037	1997	2	211	827-1903	2002	8	0	9501-0223	2003	8	0
065-2714	2005	6	50	6G3-145037	1997	3	0	827-1903	2002	9	0	9501-0223	2003	9	0
065-2714	2005	7	300	6G3-145037	1997	4	15	827-1903	2002	10	0	9501-0223	2003	10	0
065-2714	2005	8	0	6G3-145037	1997	5	147	827-1903	2002	11	0	9501-0223	2003	11	0
065-2714	2005	9	100	6G3-145037	1997	6	52	827-1903	2002	12	0	9501-0223	2003	12	0
065-2714	2005	10	2	6G3-145037	1997	7	400	827-1903	2003	1	0	9501-0223	2004	1	0
065-2714	2005	11	0	6G3-145037	1997	8	369	827-1903	2003	2	0	9501-0223	2004	2	0
065-2714	2005	12	0	6G3-145037	1997	9	50	827-1903	2003	3	0	9501-0223	2004	3	0
065-2714	2006	1	0	6G3-145037	1997	10	0	827-1903	2003	4	0	9501-0223	2004	4	0
065-2714	2006	2	100	6G3-145037	1997	11	83	827-1903	2003	5	0	9501-0223	2004	5	0
065-2714	2006	3	0	6G3-145037	1997	12	350	827-1903	2003	6	0	9501-0223	2004	6	0
065-2714	2006	4	0	6G3-145037	1998	1	0	827-1903	2003	7	0	9501-0223	2004	7	0
065-2714	2006	5	0	6G3-145037	1998	2	20	827-1903	2003	8	0	9501-0223	2004	8	50
065-2714	2006	6	0	6G3-145037	1998	3	100	827-1903	2003	9	0	9501-0223	2004	9	0
065-2714	2006	7	0	6G3-145037	1998	4	0	827-1903	2003	10	0	9501-0223	2004	10	0
065-2714	2006	8	0	6G3-145037	1998	5	12	827-1903	2003	11	0	9501-0223	2004	11	0
065-2714	2006	9	0	6G3-145037	1998	6	140	827-1903	2003	12	10	9501-0223	2004	12	55
065-2714	2006	10	0	6G3-145037	1998	7	150	827-1903	2004	1	0	9501-0223	2005	1	0
065-2714	2006	11	120	6G3-145037	1998	8	10	827-1903	2004	2	0	9501-0223	2005	2	0
065-2714	2006	12	0	6G3-145037	1998	9	0	827-1903	2004	3	0	9501-0223	2005	3	5
065-2714	2007	1	0	6G3-145037	1998	10	511	827-1903	2004	4	0	9501-0223	2005	4	0
065-2714	2007	2	0	6G3-145037	1998	11	9	827-1903	2004	5	0	9501-0223	2005	5	0
065-2714	2007	3	0	6G3-145037	1998	12	51	827-1903	2004	6	0	9501-0223	2005	6	0
065-2714	2007	4	0	6G3-145037	1999	1	20	827-1903	2004	7	100	9501-0223	2005	7	0
065-2714	2007	5	0	6G3-145037	1999	2	29	827-1903	2004	8	0	9501-0223	2005	8	0
065-2714	2007	6	0	6G3-145037	1999	3	6	827-1903	2004	9	0	9501-0223	2005	9	28
065-2714	2007	7	0	6G3-145037	1999	4	11	827-1903	2004	10	2	9501-0223	2005	10	0
065-2714	2007	8	0	6G3-145037	1999	5	16	827-1903	2004	11	0	9501-0223	2005	11	0
065-2714	2007	9	0	6G3-145037	1999	6	310	827-1903	2004	12	0	9501-0223	2005	12	1
065-2714	2007	10	0	6G3-145037	1999	7	141	827-1903	2005	1	0	9501-0223	2006	1	26
065-2714	2007	11	0	6G3-145037	1999	8	70	827-1903	2005	2	0	9501-0223	2006	2	0
065-2714	2007	12	0	6G3-145037	1999	9	100	827-1903	2005	3	0	9501-0223	2006	3	5
065-2714	2008	1	0	6G3-145037	1999	10	0	827-1903	2005	4	0	9501-0223	2006	4	0
065-2714	2008	2	0	6G3-145037	1999	11	50	827-1903	2005	5	0	9501-0223	2006	5	42
065-2714	2008	3	200	6G3-145037	1999	12	165	827-1903	2005	6	1	9501-0223	2006	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0125	1995	1	0	6G3-145037	2000	1	6	827-1903	2005	7	0	9501-0223	2006	7	0
071-0125	1995	2	0	6G3-145037	2000	2	100	827-1903	2005	8	0	9501-0223	2006	8	0
071-0125	1995	3	0	6G3-145037	2000	3	0	827-1903	2005	9	0	9501-0223	2006	9	0
071-0125	1995	4	0	6G3-145037	2000	4	300	827-1903	2005	10	0	9501-0223	2006	10	32
071-0125	1995	5	0	6G3-145037	2000	5	200	827-1903	2005	11	0	9501-0223	2006	11	0
071-0125	1995	6	0	6G3-145037	2000	6	10	827-1903	2005	12	0	9501-0223	2006	12	0
071-0125	1995	7	0	6G3-145037	2000	7	20	827-1903	2006	1	0	9501-0223	2007	1	32
071-0125	1995	8	0	6G3-145037	2000	8	40	827-1903	2006	2	0	9501-0223	2007	2	0
071-0125	1995	9	10	6G3-145037	2000	9	0	827-1903	2006	3	0	9501-0223	2007	3	0
071-0125	1995	10	0	6G3-145037	2000	10	70	827-1903	2006	4	0	9501-0223	2007	4	32
071-0125	1995	11	0	6G3-145037	2000	11	0	827-1903	2006	5	0	9501-0223	2007	5	0
071-0125	1995	12	0	6G3-145037	2000	12	200	827-1903	2006	6	0	9501-0223	2007	6	0
071-0125	1996	1	0	6G3-145037	2001	1	612	827-1903	2006	7	0	9501-0223	2007	7	0
071-0125	1996	2	0	6G3-145037	2001	2	0	827-1903	2006	8	0	9501-0223	2007	8	0
071-0125	1996	3	0	6G3-145037	2001	3	300	827-1903	2006	9	0	9501-0223	2007	9	32
071-0125	1996	4	24	6G3-145037	2001	4	6	827-1903	2006	10	0	9501-0223	2007	10	0
071-0125	1996	5	13	6G3-145037	2001	5	0	827-1903	2006	11	0	9501-0223	2007	11	0
071-0125	1996	6	0	6G3-145037	2001	6	300	827-1903	2006	12	0	9501-0223	2007	12	0
071-0125	1996	7	0	6G3-145037	2001	7	0	827-1903	2007	1	1	9501-0223	2008	1	0
071-0125	1996	8	0	6G3-145037	2001	8	19	827-1903	2007	2	0	9501-0223	2008	2	0
071-0125	1996	9	0	6G3-145037	2001	9	0	827-1903	2007	3	1500	9501-0223	2008	3	51
071-0125	1996	10	0	6G3-145037	2001	10	3	827-1903	2007	4	1	9501-0412	1998	1	0
071-0125	1996	11	0	6G3-145037	2001	11	0	827-1903	2007	5	0	9501-0412	1998	2	0
071-0125	1996	12	25	6G3-145037	2001	12	15	827-1903	2007	6	0	9501-0412	1998	3	20
071-0125	1997	1	0	6G3-145037	2002	1	55	827-1903	2007	7	0	9501-0412	1998	4	0
071-0125	1997	2	0	6G3-145037	2002	2	3	827-1903	2007	8	0	9501-0412	1998	5	0
071-0125	1997	3	0	6G3-145037	2002	3	20	827-1903	2007	9	0	9501-0412	1998	6	0
071-0125	1997	4	0	6G3-145037	2002	4	40	827-1903	2007	10	0	9501-0412	1998	7	0
071-0125	1997	5	0	6G3-145037	2002	5	636	827-1903	2007	11	0	9501-0412	1998	8	0
071-0125	1997	6	25	6G3-145037	2002	6	0	827-1903	2007	12	0	9501-0412	1998	9	0
071-0125	1997	7	0	6G3-145037	2002	7	0	827-1903	2008	1	0	9501-0412	1998	10	0
071-0125	1997	8	0	6G3-145037	2002	8	25	827-1903	2008	2	0	9501-0412	1998	11	0
071-0125	1997	9	0	6G3-145037	2002	9	606	827-1903	2008	3	0	9501-0412	1998	12	36
071-0125	1997	10	0	6G3-145037	2002	10	0	827-1903	2008	4	0	9501-0412	1999	1	0
071-0125	1997	11	0	6G3-145037	2002	11	70	827-1903	2008	5	0	9501-0412	1999	2	0
071-0125	1997	12	0	6G3-145037	2002	12	0	827-1903	2008	6	0	9501-0412	1999	3	0
071-0125	1998	1	0	6G3-145037	2003	1	18	827-1903	2008	7	0	9501-0412	1999	4	0
071-0125	1998	2	2	6G3-145037	2003	2	25	827-1903	2008	8	0	9501-0412	1999	5	0
071-0125	1998	3	0	6G3-145037	2003	3	65	827-1903	2008	9	1	9501-0412	1999	6	0
071-0125	1998	4	0	6G3-145037	2003	4	25	827-1903	2008	10	1	9501-0412	1999	7	0
071-0125	1998	5	0	6G3-145037	2003	5	26	827-1903	2008	11	0	9501-0412	1999	8	0
071-0125	1998	6	0	6G3-145037	2003	6	306	827-1903	2008	12	0	9501-0412	1999	9	0
071-0125	1998	7	0	6G3-145037	2003	7	0	827-1903	2009	1	0	9501-0412	1999	10	0
071-0125	1998	8	0	6G3-145037	2003	8	30	827-1903	2009	2	0	9501-0412	1999	11	0
071-0125	1998	9	0	6G3-145037	2003	9	300	827-1903	2009	3	0	9501-0412	1999	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0125	1998	10	0	6G3-145037	2003	10	40	827-1940	1995	1	0	9501-0412	2000	1	0
071-0125	1998	11	0	6G3-145037	2003	11	6	827-1940	1995	2	0	9501-0412	2000	2	11
071-0125	1998	12	0	6G3-145037	2003	12	300	827-1940	1995	3	0	9501-0412	2000	3	0
071-0125	1999	1	0	6G3-145037	2004	1	0	827-1940	1995	4	18	9501-0412	2000	4	0
071-0125	1999	2	0	6G3-145037	2004	2	10	827-1940	1995	5	0	9501-0412	2000	5	0
071-0125	1999	3	0	6G3-145037	2004	3	350	827-1940	1995	6	0	9501-0412	2000	6	0
071-0125	1999	4	0	6G3-145037	2004	4	50	827-1940	1995	7	0	9501-0412	2000	7	0
071-0125	1999	5	0	6G3-145037	2004	5	315	827-1940	1995	8	15	9501-0412	2000	8	0
071-0125	1999	6	0	6G3-145037	2004	6	10	827-1940	1995	9	16	9501-0412	2000	9	0
071-0125	1999	7	0	6G3-145037	2004	7	55	827-1940	1995	10	18	9501-0412	2000	10	0
071-0125	1999	8	0	6G3-145037	2004	8	331	827-1940	1995	11	0	9501-0412	2000	11	0
071-0125	1999	9	0	6G3-145037	2004	9	0	827-1940	1995	12	0	9501-0412	2000	12	0
071-0125	1999	10	0	6G3-145037	2004	10	0	827-1940	1996	1	0	9501-0412	2001	1	0
071-0125	1999	11	0	6G3-145037	2004	11	0	827-1940	1996	2	0	9501-0412	2001	2	22
071-0125	1999	12	0	6G3-145037	2004	12	0	827-1940	1996	3	0	9501-0412	2001	3	0
071-0125	2000	1	0	6G3-145037	2005	1	0	827-1940	1996	4	0	9501-0412	2001	4	12
071-0125	2000	2	0	6G3-145037	2005	2	50	827-1940	1996	5	0	9501-0412	2001	5	0
071-0125	2000	3	0	6G3-145037	2005	3	0	827-1940	1996	6	15	9501-0412	2001	6	0
071-0125	2000	4	0	6G3-145037	2005	4	0	827-1940	1996	7	0	9501-0412	2001	7	0
071-0125	2000	5	0	6G3-145037	2005	5	0	827-1940	1996	8	0	9501-0412	2001	8	0
071-0125	2000	6	24	6G3-145037	2005	6	0	827-1940	1996	9	0	9501-0412	2001	9	0
071-0125	2000	7	0	6G3-145037	2005	7	100	827-1940	1996	10	0	9501-0412	2001	10	0
071-0125	2000	8	0	6G3-145037	2005	8	38	827-1940	1996	11	9	9501-0412	2001	11	0
071-0125	2000	9	0	6G3-145037	2005	9	10	827-1940	1996	12	0	9501-0412	2001	12	0
071-0125	2000	10	0	6G3-145037	2005	10	55	827-1940	1997	1	0	9501-0412	2002	1	0
071-0125	2000	11	0	6G3-145037	2005	11	15	827-1940	1997	2	0	9501-0412	2002	2	34
071-0125	2000	12	25	6G3-145037	2005	12	35	827-1940	1997	3	46	9501-0412	2002	3	0
071-0125	2001	1	0	6G3-145037	2006	1	0	827-1940	1997	4	0	9501-0412	2002	4	0
071-0125	2001	2	0	6G3-145037	2006	2	0	827-1940	1997	5	0	9501-0412	2002	5	0
071-0125	2001	3	0	6G3-145037	2006	3	26	827-1940	1997	6	0	9501-0412	2002	6	0
071-0125	2001	4	0	6G3-145037	2006	4	12	827-1940	1997	7	10	9501-0412	2002	7	0
071-0125	2001	5	20	6G3-145037	2006	5	0	827-1940	1997	8	0	9501-0412	2002	8	0
071-0125	2001	6	0	6G3-145037	2006	6	100	827-1940	1997	9	0	9501-0412	2002	9	0
071-0125	2001	7	0	6G3-145037	2006	7	0	827-1940	1997	10	0	9501-0412	2002	10	0
071-0125	2001	8	0	6G3-145037	2006	8	100	827-1940	1997	11	15	9501-0412	2002	11	30
071-0125	2001	9	0	6G3-145037	2006	9	0	827-1940	1997	12	0	9501-0412	2002	12	0
071-0125	2001	10	51	6G3-145037	2006	10	0	827-1940	1998	1	0	9501-0412	2003	1	0
071-0125	2001	11	0	6G3-145037	2006	11	26	827-1940	1998	2	0	9501-0412	2003	2	0
071-0125	2001	12	0	6G3-145037	2006	12	0	827-1940	1998	3	6	9501-0412	2003	3	0
071-0125	2002	1	0	6G3-145037	2007	1	0	827-1940	1998	4	0	9501-0412	2003	4	0
071-0125	2002	2	0	6G3-145037	2007	2	0	827-1940	1998	5	0	9501-0412	2003	5	0
071-0125	2002	3	0	6G3-145037	2007	3	0	827-1940	1998	6	19	9501-0412	2003	6	0
071-0125	2002	4	0	6G3-145037	2007	4	0	827-1940	1998	7	0	9501-0412	2003	7	0
071-0125	2002	5	0	6G3-145037	2007	5	6	827-1940	1998	8	0	9501-0412	2003	8	40
071-0125	2002	6	0	6G3-145037	2007	6	0	827-1940	1998	9	0	9501-0412	2003	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0125	2002	7	0	6G3-145037	2007	7	25	827-1940	1998	10	0	9501-0412	2003	10	0
071-0125	2002	8	0	6G3-145037	2007	8	0	827-1940	1998	11	0	9501-0412	2003	11	0
071-0125	2002	9	0	6G3-145037	2007	9	20	827-1940	1998	12	0	9501-0412	2003	12	0
071-0125	2002	10	29	6G3-145037	2007	10	100	827-1940	1999	1	0	9501-0412	2004	1	7
071-0125	2002	11	0	6G3-145037	2007	11	0	827-1940	1999	2	0	9501-0412	2004	2	0
071-0125	2002	12	0	6G3-145037	2007	12	54	827-1940	1999	3	7	9501-0412	2004	3	70
071-0125	2003	1	6	6G3-145037	2008	1	150	827-1940	1999	4	0	9501-0412	2004	4	0
071-0125	2003	2	0	6G3-145037	2008	2	0	827-1940	1999	5	0	9501-0412	2004	5	0
071-0125	2003	3	0	6G3-145037	2008	3	0	827-1940	1999	6	6	9501-0412	2004	6	0
071-0125	2003	4	0	6G3-145037	2008	4	51	827-1940	1999	7	10	9501-0412	2004	7	0
071-0125	2003	5	0	6G3-145037	2008	5	0	827-1940	1999	8	3	9501-0412	2004	8	0
071-0125	2003	6	0	6G3-145037	2008	6	0	827-1940	1999	9	0	9501-0412	2004	9	0
071-0125	2003	7	26	6G3-145037	2008	7	0	827-1940	1999	10	2	9501-0412	2004	10	0
071-0125	2003	8	0	6G3-145037	2008	8	0	827-1940	1999	11	0	9501-0412	2004	11	0
071-0125	2003	9	0	6G3-145037	2008	9	30	827-1940	1999	12	5	9501-0412	2004	12	0
071-0125	2003	10	0	6G3-145037	2008	10	0	827-1940	2000	1	0	9501-0412	2005	1	0
071-0125	2003	11	0	6G3-145037	2008	11	5	827-1940	2000	2	4	9501-0412	2005	2	0
071-0125	2003	12	0	6G3-145037	2008	12	26	827-1940	2000	3	0	9501-0412	2005	3	0
071-0125	2004	1	51	6G3-145037	2009	1	25	827-1940	2000	4	20	9501-0412	2005	4	0
071-0125	2004	2	0	6G3-145037	2009	2	0	827-1940	2000	5	1	9501-0412	2005	5	0
071-0125	2004	3	0	6G3-145037	2009	3	0	827-1940	2000	6	0	9501-0412	2005	6	0
071-0125	2004	4	0	6G3-150037	1995	1	0	827-1940	2000	7	0	9501-0412	2005	7	0
071-0125	2004	5	0	6G3-150037	1995	2	60	827-1940	2000	8	1	9501-0412	2005	8	0
071-0125	2004	6	0	6G3-150037	1995	3	71	827-1940	2000	9	0	9501-0412	2005	9	0
071-0125	2004	7	0	6G3-150037	1995	4	0	827-1940	2000	10	4	9501-0412	2005	10	0
071-0125	2004	8	0	6G3-150037	1995	5	13	827-1940	2000	11	0	9501-0412	2005	11	0
071-0125	2004	9	0	6G3-150037	1995	6	2	827-1940	2000	12	0	9501-0412	2005	12	0
071-0125	2004	10	0	6G3-150037	1995	7	74	827-1940	2001	1	0	9501-0412	2006	1	0
071-0125	2004	11	0	6G3-150037	1995	8	5	827-1940	2001	2	0	9501-0412	2006	2	0
071-0125	2004	12	0	6G3-150037	1995	9	82	827-1940	2001	3	0	9501-0412	2006	3	0
071-0125	2005	1	0	6G3-150037	1995	10	13	827-1940	2001	4	6	9501-0412	2006	4	0
071-0125	2005	2	0	6G3-150037	1995	11	71	827-1940	2001	5	0	9501-0412	2006	5	0
071-0125	2005	3	0	6G3-150037	1995	12	45	827-1940	2001	6	0	9501-0412	2006	6	0
071-0125	2005	4	0	6G3-150037	1996	1	50	827-1940	2001	7	0	9501-0412	2006	7	0
071-0125	2005	5	0	6G3-150037	1996	2	22	827-1940	2001	8	0	9501-0412	2006	8	0
071-0125	2005	6	0	6G3-150037	1996	3	86	827-1940	2001	9	2	9501-0412	2006	9	0
071-0125	2005	7	0	6G3-150037	1996	4	92	827-1940	2001	10	50	9501-0412	2006	10	0
071-0125	2005	8	0	6G3-150037	1996	5	0	827-1940	2001	11	12	9501-0412	2006	11	0
071-0125	2005	9	0	6G3-150037	1996	6	11	827-1940	2001	12	0	9501-0412	2006	12	70
071-0125	2005	10	35	6G3-150037	1996	7	90	827-1940	2002	1	0	9501-0412	2007	1	0
071-0125	2005	11	0	6G3-150037	1996	8	55	827-1940	2002	2	0	9501-0412	2007	2	0
071-0125	2005	12	0	6G3-150037	1996	9	132	827-1940	2002	3	0	9501-0412	2007	3	0
071-0125	2006	1	0	6G3-150037	1996	10	150	827-1940	2002	4	15	9501-0412	2007	4	0
071-0125	2006	2	0	6G3-150037	1996	11	62	827-1940	2002	5	0	9501-0412	2007	5	0
071-0125	2006	3	0	6G3-150037	1996	12	160	827-1940	2002	6	0	9501-0412	2007	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0125	2006	4	0	6G3-150037	1997	1	17	827-1940	2002	7	0	9501-0412	2007	7	0
071-0125	2006	5	0	6G3-150037	1997	2	212	827-1940	2002	8	26	9501-0412	2007	8	0
071-0125	2006	6	26	6G3-150037	1997	3	15	827-1940	2002	9	6	9501-0412	2007	9	0
071-0125	2006	7	0	6G3-150037	1997	4	26	827-1940	2002	10	1	9501-0412	2007	10	0
071-0125	2006	8	0	6G3-150037	1997	5	29	827-1940	2002	11	0	9501-0412	2007	11	0
071-0125	2006	9	0	6G3-150037	1997	6	123	827-1940	2002	12	0	9501-0412	2007	12	0
071-0125	2006	10	0	6G3-150037	1997	7	199	827-1940	2003	1	8	9501-0412	2008	1	0
071-0125	2006	11	0	6G3-150037	1997	8	250	827-1940	2003	2	0	9501-0412	2008	2	0
071-0125	2006	12	0	6G3-150037	1997	9	160	827-1940	2003	3	60	9501-0412	2008	3	0
071-0125	2007	1	0	6G3-150037	1997	10	300	827-1940	2003	4	1	9501-0412	2008	4	0
071-0125	2007	2	0	6G3-150037	1997	11	62	827-1940	2003	5	2	9501-0412	2008	5	30
071-0125	2007	3	12	6G3-150037	1997	12	450	827-1940	2003	6	3	9501-0412	2008	6	0
071-0125	2007	4	0	6G3-150037	1998	1	0	827-1940	2003	7	6	9501-0412	2008	7	0
071-0125	2007	5	0	6G3-150037	1998	2	110	827-1940	2003	8	0	9501-0412	2008	8	0
071-0125	2007	6	12	6G3-150037	1998	3	100	827-1940	2003	9	0	9501-0412	2008	9	0
071-0125	2007	7	26	6G3-150037	1998	4	160	827-1940	2003	10	0	9501-0412	2008	10	0
071-0125	2007	8	0	6G3-150037	1998	5	22	827-1940	2003	11	25	9501-0412	2008	11	0
071-0125	2007	9	0	6G3-150037	1998	6	14	827-1940	2003	12	50	9501-0412	2008	12	0
071-0125	2007	10	0	6G3-150037	1998	7	161	827-1940	2004	1	35	9501-0412	2009	1	0
071-0125	2007	11	0	6G3-150037	1998	8	10	827-1940	2004	2	0	9501-0412	2009	2	0
071-0125	2007	12	0	6G3-150037	1998	9	170	827-1940	2004	3	10	9501-0412	2009	3	0
071-0125	2008	1	26	6G3-150037	1998	10	50	827-1940	2004	4	40	9501-1104	1999	1	75
071-0125	2008	2	0	6G3-150037	1998	11	103	827-1940	2004	5	0	9501-1104	1999	2	0
071-0125	2008	3	0	6G3-150037	1998	12	1	827-1940	2004	6	0	9501-1104	1999	3	0
071-0125	2008	4	0	6G3-150037	1999	1	270	827-1940	2004	7	2	9501-1104	1999	4	0
071-0125	2008	5	0	6G3-150037	1999	2	29	827-1940	2004	8	40	9501-1104	1999	5	0
071-0125	2008	6	0	6G3-150037	1999	3	16	827-1940	2004	9	3	9501-1104	1999	6	0
071-0125	2008	7	0	6G3-150037	1999	4	250	827-1940	2004	10	10	9501-1104	1999	7	0
071-0125	2008	8	0	6G3-150037	1999	5	6	827-1940	2004	11	90	9501-1104	1999	8	0
071-0125	2008	9	0	6G3-150037	1999	6	0	827-1940	2004	12	6	9501-1104	1999	9	0
071-0125	2008	10	0	6G3-150037	1999	7	430	827-1940	2005	1	0	9501-1104	1999	10	15
071-0125	2008	11	0	6G3-150037	1999	8	20	827-1940	2005	2	0	9501-1104	1999	11	0
071-0125	2008	12	0	6G3-150037	1999	9	100	827-1940	2005	3	11	9501-1104	1999	12	0
071-0125	2009	1	0	6G3-150037	1999	10	300	827-1940	2005	4	94	9501-1104	2000	1	38
071-0125	2009	2	0	6G3-150037	1999	11	10	827-1940	2005	5	0	9501-1104	2000	2	0
071-0125	2009	3	0	6G3-150037	1999	12	25	827-1940	2005	6	0	9501-1104	2000	3	0
071-0159	1997	1	0	6G3-150037	2000	1	56	827-1940	2005	7	26	9501-1104	2000	4	0
071-0159	1997	2	0	6G3-150037	2000	2	100	827-1940	2005	8	0	9501-1104	2000	5	0
071-0159	1997	3	0	6G3-150037	2000	3	600	827-1940	2005	9	0	9501-1104	2000	6	0
071-0159	1997	4	0	6G3-150037	2000	4	0	827-1940	2005	10	72	9501-1104	2000	7	0
071-0159	1997	5	0	6G3-150037	2000	5	0	827-1940	2005	11	46	9501-1104	2000	8	5
071-0159	1997	6	0	6G3-150037	2000	6	20	827-1940	2005	12	6	9501-1104	2000	9	0
071-0159	1997	7	0	6G3-150037	2000	7	820	827-1940	2006	1	10	9501-1104	2000	10	0
071-0159	1997	8	0	6G3-150037	2000	8	25	827-1940	2006	2	74	9501-1104	2000	11	0
071-0159	1997	9	3	6G3-150037	2000	9	0	827-1940	2006	3	90	9501-1104	2000	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0159	1997	10	0	6G3-150037	2000	10	30	827-1940	2006	4	0	9501-1104	2001	1	0
071-0159	1997	11	0	6G3-150037	2000	11	15	827-1940	2006	5	96	9501-1104	2001	2	0
071-0159	1997	12	1	6G3-150037	2000	12	0	827-1940	2006	6	6	9501-1104	2001	3	0
071-0159	1998	1	0	6G3-150037	2001	1	12	827-1940	2006	7	0	9501-1104	2001	4	0
071-0159	1998	2	0	6G3-150037	2001	2	10	827-1940	2006	8	9	9501-1104	2001	5	0
071-0159	1998	3	0	6G3-150037	2001	3	30	827-1940	2006	9	0	9501-1104	2001	6	0
071-0159	1998	4	0	6G3-150037	2001	4	36	827-1940	2006	10	0	9501-1104	2001	7	0
071-0159	1998	5	0	6G3-150037	2001	5	0	827-1940	2006	11	12	9501-1104	2001	8	0
071-0159	1998	6	0	6G3-150037	2001	6	0	827-1940	2006	12	50	9501-1104	2001	9	0
071-0159	1998	7	0	6G3-150037	2001	7	0	827-1940	2007	1	90	9501-1104	2001	10	0
071-0159	1998	8	0	6G3-150037	2001	8	312	827-1940	2007	2	36	9501-1104	2001	11	0
071-0159	1998	9	0	6G3-150037	2001	9	0	827-1940	2007	3	1604	9501-1104	2001	12	0
071-0159	1998	10	0	6G3-150037	2001	10	3	827-1940	2007	4	90	9501-1104	2002	1	0
071-0159	1998	11	0	6G3-150037	2001	11	0	827-1940	2007	5	14	9501-1104	2002	2	0
071-0159	1998	12	0	6G3-150037	2001	12	15	827-1940	2007	6	150	9501-1104	2002	3	0
071-0159	1999	1	0	6G3-150037	2002	1	25	827-1940	2007	7	0	9501-1104	2002	4	0
071-0159	1999	2	0	6G3-150037	2002	2	9	827-1940	2007	8	0	9501-1104	2002	5	0
071-0159	1999	3	0	6G3-150037	2002	3	0	827-1940	2007	9	6	9501-1104	2002	6	0
071-0159	1999	4	0	6G3-150037	2002	4	20	827-1940	2007	10	0	9501-1104	2002	7	0
071-0159	1999	5	0	6G3-150037	2002	5	131	827-1940	2007	11	126	9501-1104	2002	8	0
071-0159	1999	6	15	6G3-150037	2002	6	0	827-1940	2007	12	0	9501-1104	2002	9	0
071-0159	1999	7	0	6G3-150037	2002	7	131	827-1940	2008	1	136	9501-1104	2002	10	0
071-0159	1999	8	0	6G3-150037	2002	8	15	827-1940	2008	2	24	9501-1104	2002	11	0
071-0159	1999	9	0	6G3-150037	2002	9	6	827-1940	2008	3	57	9501-1104	2002	12	0
071-0159	1999	10	2	6G3-150037	2002	10	100	827-1940	2008	4	35	9501-1104	2003	1	0
071-0159	1999	11	0	6G3-150037	2002	11	30	827-1940	2008	5	51	9501-1104	2003	2	0
071-0159	1999	12	0	6G3-150037	2002	12	0	827-1940	2008	6	0	9501-1104	2003	3	0
071-0159	2000	1	0	6G3-150037	2003	1	18	827-1940	2008	7	72	9501-1104	2003	4	0
071-0159	2000	2	0	6G3-150037	2003	2	25	827-1940	2008	8	60	9501-1104	2003	5	0
071-0159	2000	3	0	6G3-150037	2003	3	75	827-1940	2008	9	51	9501-1104	2003	6	0
071-0159	2000	4	0	6G3-150037	2003	4	25	827-1940	2008	10	0	9501-1104	2003	7	0
071-0159	2000	5	0	6G3-150037	2003	5	56	827-1940	2008	11	0	9501-1104	2003	8	0
071-0159	2000	6	0	6G3-150037	2003	6	6	827-1940	2008	12	0	9501-1104	2003	9	0
071-0159	2000	7	0	6G3-150037	2003	7	210	827-1940	2009	1	0	9501-1104	2003	10	0
071-0159	2000	8	0	6G3-150037	2003	8	50	827-1940	2009	2	0	9501-1104	2003	11	0
071-0159	2000	9	0	6G3-150037	2003	9	0	827-1940	2009	3	0	9501-1104	2003	12	0
071-0159	2000	10	0	6G3-150037	2003	10	210	827-1988	1995	1	0	9501-1104	2004	1	0
071-0159	2000	11	0	6G3-150037	2003	11	6	827-1988	1995	2	0	9501-1104	2004	2	0
071-0159	2000	12	0	6G3-150037	2003	12	40	827-1988	1995	3	0	9501-1104	2004	3	0
071-0159	2001	1	0	6G3-150037	2004	1	500	827-1988	1995	4	0	9501-1104	2004	4	0
071-0159	2001	2	0	6G3-150037	2004	2	10	827-1988	1995	5	26	9501-1104	2004	5	0
071-0159	2001	3	0	6G3-150037	2004	3	0	827-1988	1995	6	7	9501-1104	2004	6	0
071-0159	2001	4	0	6G3-150037	2004	4	100	827-1988	1995	7	0	9501-1104	2004	7	0
071-0159	2001	5	0	6G3-150037	2004	5	410	827-1988	1995	8	0	9501-1104	2004	8	0
071-0159	2001	6	250	6G3-150037	2004	6	10	827-1988	1995	9	0	9501-1104	2004	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0159	2001	7	0	6G3-150037	2004	7	65	827-1988	1995	10	0	9501-1104	2004	10	0
071-0159	2001	8	10	6G3-150037	2004	8	400	827-1988	1995	11	100	9501-1104	2004	11	0
071-0159	2001	9	0	6G3-150037	2004	9	50	827-1988	1995	12	10	9501-1104	2004	12	0
071-0159	2001	10	10	6G3-150037	2004	10	0	827-1988	1996	1	0	9501-1104	2005	1	0
071-0159	2001	11	0	6G3-150037	2004	11	0	827-1988	1996	2	0	9501-1104	2005	2	0
071-0159	2001	12	0	6G3-150037	2004	12	10	827-1988	1996	3	0	9501-1104	2005	3	7
071-0159	2002	1	5	6G3-150037	2005	1	0	827-1988	1996	4	1	9501-1104	2005	4	0
071-0159	2002	2	0	6G3-150037	2005	2	0	827-1988	1996	5	6	9501-1104	2005	5	0
071-0159	2002	3	5	6G3-150037	2005	3	50	827-1988	1996	6	0	9501-1104	2005	6	0
071-0159	2002	4	0	6G3-150037	2005	4	200	827-1988	1996	7	0	9501-1104	2005	7	0
071-0159	2002	5	0	6G3-150037	2005	5	0	827-1988	1996	8	0	9501-1104	2005	8	0
071-0159	2002	6	0	6G3-150037	2005	6	0	827-1988	1996	9	1	9501-1104	2005	9	0
071-0159	2002	7	10	6G3-150037	2005	7	100	827-1988	1996	10	25	9501-1104	2005	10	0
071-0159	2002	8	0	6G3-150037	2005	8	139	827-1988	1996	11	2	9501-1104	2005	11	0
071-0159	2002	9	0	6G3-150037	2005	9	10	827-1988	1996	12	16	9501-1104	2005	12	0
071-0159	2002	10	4	6G3-150037	2005	10	12	827-1988	1997	1	0	9501-1104	2006	1	0
071-0159	2002	11	0	6G3-150037	2005	11	0	827-1988	1997	2	4	9501-1104	2006	2	0
071-0159	2002	12	0	6G3-150037	2005	12	25	827-1988	1997	3	3	9501-1104	2006	3	0
071-0159	2003	1	4	6G3-150037	2006	1	6	827-1988	1997	4	0	9501-1104	2006	4	0
071-0159	2003	2	3	6G3-150037	2006	2	0	827-1988	1997	5	0	9501-1104	2006	5	0
071-0159	2003	3	15	6G3-150037	2006	3	0	827-1988	1997	6	0	9501-1104	2006	6	0
071-0159	2003	4	0	6G3-150037	2006	4	0	827-1988	1997	7	2	9501-1104	2006	7	0
071-0159	2003	5	10	6G3-150037	2006	5	0	827-1988	1997	8	0	9501-1104	2006	8	0
071-0159	2003	6	0	6G3-150037	2006	6	150	827-1988	1997	9	0	9501-1104	2006	9	0
071-0159	2003	7	0	6G3-150037	2006	7	0	827-1988	1997	10	0	9501-1104	2006	10	0
071-0159	2003	8	4	6G3-150037	2006	8	0	827-1988	1997	11	0	9501-1104	2006	11	0
071-0159	2003	9	5	6G3-150037	2006	9	26	827-1988	1997	12	0	9501-1104	2006	12	0
071-0159	2003	10	0	6G3-150037	2006	10	0	827-1988	1998	1	0	9501-1104	2007	1	0
071-0159	2003	11	0	6G3-150037	2006	11	0	827-1988	1998	2	0	9501-1104	2007	2	0
071-0159	2003	12	14	6G3-150037	2006	12	0	827-1988	1998	3	1	9501-1104	2007	3	0
071-0159	2004	1	15	6G3-150037	2007	1	15	827-1988	1998	4	0	9501-1104	2007	4	0
071-0159	2004	2	0	6G3-150037	2007	2	0	827-1988	1998	5	0	9501-1104	2007	5	0
071-0159	2004	3	0	6G3-150037	2007	3	220	827-1988	1998	6	50	9501-1104	2007	6	0
071-0159	2004	4	0	6G3-150037	2007	4	0	827-1988	1998	7	0	9501-1104	2007	7	0
071-0159	2004	5	0	6G3-150037	2007	5	26	827-1988	1998	8	51	9501-1104	2007	8	0
071-0159	2004	6	0	6G3-150037	2007	6	0	827-1988	1998	9	3	9501-1104	2007	9	0
071-0159	2004	7	0	6G3-150037	2007	7	50	827-1988	1998	10	1	9501-1104	2007	10	0
071-0159	2004	8	0	6G3-150037	2007	8	0	827-1988	1998	11	0	9501-1104	2007	11	0
071-0159	2004	9	8	6G3-150037	2007	9	0	827-1988	1998	12	0	9501-1104	2007	12	0
071-0159	2004	10	12	6G3-150037	2007	10	0	827-1988	1999	1	0	9501-1104	2008	1	0
071-0159	2004	11	0	6G3-150037	2007	11	0	827-1988	1999	2	2	9501-1104	2008	2	0
071-0159	2004	12	0	6G3-150037	2007	12	6	827-1988	1999	3	27	9501-1104	2008	3	0
071-0159	2005	1	0	6G3-150037	2008	1	250	827-1988	1999	4	0	9501-1104	2008	4	0
071-0159	2005	2	0	6G3-150037	2008	2	0	827-1988	1999	5	0	9501-1104	2008	5	2
071-0159	2005	3	29	6G3-150037	2008	3	101	827-1988	1999	6	0	9501-1104	2008	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0159	2005	4	0	6G3-150037	2008	4	0	827-1988	1999	7	8	9501-1104	2008	7	0
071-0159	2005	5	0	6G3-150037	2008	5	0	827-1988	1999	8	0	9501-1104	2008	8	0
071-0159	2005	6	0	6G3-150037	2008	6	0	827-1988	1999	9	3	9501-1104	2008	9	0
071-0159	2005	7	8	6G3-150037	2008	7	0	827-1988	1999	10	0	9501-1104	2008	10	0
071-0159	2005	8	0	6G3-150037	2008	8	0	827-1988	1999	11	0	9501-1104	2008	11	0
071-0159	2005	9	0	6G3-150037	2008	9	0	827-1988	1999	12	0	9501-1104	2008	12	0
071-0159	2005	10	7	6G3-150037	2008	10	0	827-1988	2000	1	0	9501-1104	2009	1	0
071-0159	2005	11	12	6G3-150037	2008	11	5	827-1988	2000	2	4	9501-1104	2009	2	0
071-0159	2005	12	0	6G3-150037	2008	12	0	827-1988	2000	3	2	9501-1104	2009	3	0
071-0159	2006	1	26	6G3-150037	2009	1	25	827-1988	2000	4	5	9501-1346	1999	1	25
071-0159	2006	2	0	6G3-150037	2009	2	0	827-1988	2000	5	0	9501-1346	1999	2	0
071-0159	2006	3	0	6G3-150037	2009	3	0	827-1988	2000	6	3	9501-1346	1999	3	0
071-0159	2006	4	0	7110-0103	1997	1	0	827-1988	2000	7	0	9501-1346	1999	4	0
071-0159	2006	5	0	7110-0103	1997	2	0	827-1988	2000	8	0	9501-1346	1999	5	0
071-0159	2006	6	0	7110-0103	1997	3	0	827-1988	2000	9	0	9501-1346	1999	6	0
071-0159	2006	7	0	7110-0103	1997	4	17	827-1988	2000	10	0	9501-1346	1999	7	0
071-0159	2006	8	9	7110-0103	1997	5	58	827-1988	2000	11	0	9501-1346	1999	8	0
071-0159	2006	9	6	7110-0103	1997	6	17	827-1988	2000	12	0	9501-1346	1999	9	0
071-0159	2006	10	24	7110-0103	1997	7	0	827-1988	2001	1	0	9501-1346	1999	10	0
071-0159	2006	11	6	7110-0103	1997	8	0	827-1988	2001	2	0	9501-1346	1999	11	0
071-0159	2006	12	0	7110-0103	1997	9	4	827-1988	2001	3	3	9501-1346	1999	12	0
071-0159	2007	1	6	7110-0103	1997	10	0	827-1988	2001	4	0	9501-1346	2000	1	0
071-0159	2007	2	0	7110-0103	1997	11	0	827-1988	2001	5	0	9501-1346	2000	2	0
071-0159	2007	3	25	7110-0103	1997	12	20	827-1988	2001	6	2	9501-1346	2000	3	0
071-0159	2007	4	0	7110-0103	1998	1	76	827-1988	2001	7	0	9501-1346	2000	4	0
071-0159	2007	5	0	7110-0103	1998	2	0	827-1988	2001	8	0	9501-1346	2000	5	0
071-0159	2007	6	4	7110-0103	1998	3	0	827-1988	2001	9	0	9501-1346	2000	6	0
071-0159	2007	7	0	7110-0103	1998	4	5	827-1988	2001	10	0	9501-1346	2000	7	0
071-0159	2007	8	0	7110-0103	1998	5	0	827-1988	2001	11	0	9501-1346	2000	8	0
071-0159	2007	9	6	7110-0103	1998	6	0	827-1988	2001	12	0	9501-1346	2000	9	0
071-0159	2007	10	0	7110-0103	1998	7	63	827-1988	2002	1	1	9501-1346	2000	10	0
071-0159	2007	11	0	7110-0103	1998	8	0	827-1988	2002	2	0	9501-1346	2000	11	0
071-0159	2007	12	0	7110-0103	1998	9	100	827-1988	2002	3	0	9501-1346	2000	12	0
071-0159	2008	1	0	7110-0103	1998	10	0	827-1988	2002	4	0	9501-1346	2001	1	0
071-0159	2008	2	0	7110-0103	1998	11	0	827-1988	2002	5	0	9501-1346	2001	2	0
071-0159	2008	3	0	7110-0103	1998	12	0	827-1988	2002	6	0	9501-1346	2001	3	0
071-0159	2008	4	15	7110-0103	1999	1	56	827-1988	2002	7	1	9501-1346	2001	4	0
071-0159	2008	5	20	7110-0103	1999	2	0	827-1988	2002	8	0	9501-1346	2001	5	0
071-0159	2008	6	0	7110-0103	1999	3	0	827-1988	2002	9	0	9501-1346	2001	6	0
071-0159	2008	7	0	7110-0103	1999	4	0	827-1988	2002	10	0	9501-1346	2001	7	0
071-0159	2008	8	10	7110-0103	1999	5	0	827-1988	2002	11	0	9501-1346	2001	8	15
071-0159	2008	9	0	7110-0103	1999	6	0	827-1988	2002	12	0	9501-1346	2001	9	0
071-0159	2008	10	0	7110-0103	1999	7	0	827-1988	2003	1	0	9501-1346	2001	10	25
071-0159	2008	11	0	7110-0103	1999	8	0	827-1988	2003	2	0	9501-1346	2001	11	0
071-0159	2008	12	2	7110-0103	1999	9	50	827-1988	2003	3	0	9501-1346	2001	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0159	2009	1	0	7110-0103	1999	10	0	827-1988	2003	4	0	9501-1346	2002	1	0
071-0159	2009	2	0	7110-0103	1999	11	0	827-1988	2003	5	0	9501-1346	2002	2	0
071-0159	2009	3	0	7110-0103	1999	12	0	827-1988	2003	6	0	9501-1346	2002	3	0
071-0161	1996	1	0	7110-0103	2000	1	0	827-1988	2003	7	0	9501-1346	2002	4	0
071-0161	1996	2	0	7110-0103	2000	2	0	827-1988	2003	8	0	9501-1346	2002	5	0
071-0161	1996	3	0	7110-0103	2000	3	0	827-1988	2003	9	0	9501-1346	2002	6	0
071-0161	1996	4	0	7110-0103	2000	4	0	827-1988	2003	10	0	9501-1346	2002	7	0
071-0161	1996	5	50	7110-0103	2000	5	0	827-1988	2003	11	0	9501-1346	2002	8	0
071-0161	1996	6	0	7110-0103	2000	6	0	827-1988	2003	12	0	9501-1346	2002	9	0
071-0161	1996	7	0	7110-0103	2000	7	0	827-1988	2004	1	0	9501-1346	2002	10	25
071-0161	1996	8	0	7110-0103	2000	8	0	827-1988	2004	2	0	9501-1346	2002	11	0
071-0161	1996	9	0	7110-0103	2000	9	0	827-1988	2004	3	0	9501-1346	2002	12	0
071-0161	1996	10	14	7110-0103	2000	10	0	827-1988	2004	4	0	9501-1346	2003	1	0
071-0161	1996	11	0	7110-0103	2000	11	0	827-1988	2004	5	0	9501-1346	2003	2	0
071-0161	1996	12	0	7110-0103	2000	12	0	827-1988	2004	6	0	9501-1346	2003	3	0
071-0161	1997	1	0	7110-0103	2001	1	13	827-1988	2004	7	0	9501-1346	2003	4	15
071-0161	1997	2	0	7110-0103	2001	2	0	827-1988	2004	8	0	9501-1346	2003	5	0
071-0161	1997	3	0	7110-0103	2001	3	0	827-1988	2004	9	0	9501-1346	2003	6	0
071-0161	1997	4	0	7110-0103	2001	4	0	827-1988	2004	10	0	9501-1346	2003	7	0
071-0161	1997	5	0	7110-0103	2001	5	0	827-1988	2004	11	3	9501-1346	2003	8	0
071-0161	1997	6	0	7110-0103	2001	6	0	827-1988	2004	12	0	9501-1346	2003	9	0
071-0161	1997	7	0	7110-0103	2001	7	0	827-1988	2005	1	0	9501-1346	2003	10	0
071-0161	1997	8	36	7110-0103	2001	8	0	827-1988	2005	2	0	9501-1346	2003	11	0
071-0161	1997	9	0	7110-0103	2001	9	0	827-1988	2005	3	0	9501-1346	2003	12	0
071-0161	1997	10	0	7110-0103	2001	10	0	827-1988	2005	4	0	9501-1346	2004	1	0
071-0161	1997	11	0	7110-0103	2001	11	0	827-1988	2005	5	0	9501-1346	2004	2	15
071-0161	1997	12	5	7110-0103	2001	12	0	827-1988	2005	6	0	9501-1346	2004	3	12
071-0161	1998	1	0	7110-0103	2002	1	0	827-1988	2005	7	0	9501-1346	2004	4	0
071-0161	1998	2	0	7110-0103	2002	2	0	827-1988	2005	8	0	9501-1346	2004	5	0
071-0161	1998	3	0	7110-0103	2002	3	0	827-1988	2005	9	3	9501-1346	2004	6	20
071-0161	1998	4	0	7110-0103	2002	4	0	827-1988	2005	10	0	9501-1346	2004	7	0
071-0161	1998	5	2	7110-0103	2002	5	100	827-1988	2005	11	0	9501-1346	2004	8	0
071-0161	1998	6	0	7110-0103	2002	6	0	827-1988	2005	12	1	9501-1346	2004	9	12
071-0161	1998	7	0	7110-0103	2002	7	0	827-1988	2006	1	0	9501-1346	2004	10	0
071-0161	1998	8	0	7110-0103	2002	8	0	827-1988	2006	2	0	9501-1346	2004	11	0
071-0161	1998	9	2	7110-0103	2002	9	0	827-1988	2006	3	2	9501-1346	2004	12	0
071-0161	1998	10	25	7110-0103	2002	10	0	827-1988	2006	4	0	9501-1346	2005	1	0
071-0161	1998	11	0	7110-0103	2002	11	0	827-1988	2006	5	0	9501-1346	2005	2	0
071-0161	1998	12	0	7110-0103	2002	12	0	827-1988	2006	6	0	9501-1346	2005	3	5
071-0161	1999	1	0	7110-0103	2003	1	1	827-1988	2006	7	0	9501-1346	2005	4	8
071-0161	1999	2	0	7110-0103	2003	2	0	827-1988	2006	8	0	9501-1346	2005	5	0
071-0161	1999	3	0	7110-0103	2003	3	0	827-1988	2006	9	0	9501-1346	2005	6	15
071-0161	1999	4	0	7110-0103	2003	4	0	827-1988	2006	10	0	9501-1346	2005	7	12
071-0161	1999	5	26	7110-0103	2003	5	0	827-1988	2006	11	0	9501-1346	2005	8	0
071-0161	1999	6	0	7110-0103	2003	6	0	827-1988	2006	12	0	9501-1346	2005	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0161	1999	7	0	7110-0103	2003	7	0	827-1988	2007	1	0	9501-1346	2005	10	0
071-0161	1999	8	0	7110-0103	2003	8	0	827-1988	2007	2	0	9501-1346	2005	11	18
071-0161	1999	9	0	7110-0103	2003	9	0	827-1988	2007	3	0	9501-1346	2005	12	0
071-0161	1999	10	6	7110-0103	2003	10	0	827-1988	2007	4	0	9501-1346	2006	1	40
071-0161	1999	11	0	7110-0103	2003	11	3	827-1988	2007	5	0	9501-1346	2006	2	0
071-0161	1999	12	70	7110-0103	2003	12	0	827-1988	2007	6	12	9501-1346	2006	3	0
071-0161	2000	1	0	7110-0103	2004	1	0	827-1988	2007	7	0	9501-1346	2006	4	0
071-0161	2000	2	0	7110-0103	2004	2	0	827-1988	2007	8	0	9501-1346	2006	5	0
071-0161	2000	3	0	7110-0103	2004	3	0	827-1988	2007	9	0	9501-1346	2006	6	0
071-0161	2000	4	0	7110-0103	2004	4	0	827-1988	2007	10	0	9501-1346	2006	7	0
071-0161	2000	5	0	7110-0103	2004	5	0	827-1988	2007	11	0	9501-1346	2006	8	51
071-0161	2000	6	0	7110-0103	2004	6	0	827-1988	2007	12	0	9501-1346	2006	9	0
071-0161	2000	7	0	7110-0103	2004	7	0	827-1988	2008	1	0	9501-1346	2006	10	0
071-0161	2000	8	0	7110-0103	2004	8	0	827-1988	2008	2	0	9501-1346	2006	11	0
071-0161	2000	9	0	7110-0103	2004	9	0	827-1988	2008	3	0	9501-1346	2006	12	0
071-0161	2000	10	5	7110-0103	2004	10	0	827-1988	2008	4	0	9501-1346	2007	1	0
071-0161	2000	11	0	7110-0103	2004	11	0	827-1988	2008	5	0	9501-1346	2007	2	0
071-0161	2000	12	0	7110-0103	2004	12	0	827-1988	2008	6	0	9501-1346	2007	3	0
071-0161	2001	1	0	7110-0103	2005	1	0	827-1988	2008	7	0	9501-1346	2007	4	0
071-0161	2001	2	0	7110-0103	2005	2	0	827-1988	2008	8	0	9501-1346	2007	5	0
071-0161	2001	3	5	7110-0103	2005	3	0	827-1988	2008	9	0	9501-1346	2007	6	0
071-0161	2001	4	0	7110-0103	2005	4	0	827-1988	2008	10	0	9501-1346	2007	7	0
071-0161	2001	5	100	7110-0103	2005	5	0	827-1988	2008	11	0	9501-1346	2007	8	10
071-0161	2001	6	0	7110-0103	2005	6	0	827-1988	2008	12	0	9501-1346	2007	9	0
071-0161	2001	7	0	7110-0103	2005	7	0	827-1988	2009	1	0	9501-1346	2007	10	0
071-0161	2001	8	10	7110-0103	2005	8	0	827-1988	2009	2	0	9501-1346	2007	11	0
071-0161	2001	9	5	7110-0103	2005	9	0	827-1988	2009	3	0	9501-1346	2007	12	0
071-0161	2001	10	10	7110-0103	2005	10	0	827-1991	1996	1	0	9501-1346	2008	1	0
071-0161	2001	11	0	7110-0103	2005	11	0	827-1991	1996	2	0	9501-1346	2008	2	0
071-0161	2001	12	0	7110-0103	2005	12	0	827-1991	1996	3	0	9501-1346	2008	3	0
071-0161	2002	1	0	7110-0103	2006	1	0	827-1991	1996	4	0	9501-1346	2008	4	0
071-0161	2002	2	50	7110-0103	2006	2	0	827-1991	1996	5	0	9501-1346	2008	5	0
071-0161	2002	3	0	7110-0103	2006	3	0	827-1991	1996	6	0	9501-1346	2008	6	0
071-0161	2002	4	0	7110-0103	2006	4	0	827-1991	1996	7	0	9501-1346	2008	7	0
071-0161	2002	5	0	7110-0103	2006	5	0	827-1991	1996	8	0	9501-1346	2008	8	10
071-0161	2002	6	0	7110-0103	2006	6	0	827-1991	1996	9	1	9501-1346	2008	9	0
071-0161	2002	7	0	7110-0103	2006	7	3	827-1991	1996	10	0	9501-1346	2008	10	0
071-0161	2002	8	0	7110-0103	2006	8	0	827-1991	1996	11	0	9501-1346	2008	11	0
071-0161	2002	9	50	7110-0103	2006	9	40	827-1991	1996	12	0	9501-1346	2008	12	0
071-0161	2002	10	0	7110-0103	2006	10	0	827-1991	1997	1	1	9501-1346	2009	1	0
071-0161	2002	11	0	7110-0103	2006	11	0	827-1991	1997	2	3	9501-1346	2009	2	0
071-0161	2002	12	14	7110-0103	2006	12	10	827-1991	1997	3	0	9501-1346	2009	3	0
071-0161	2003	1	0	7110-0103	2007	1	0	827-1991	1997	4	0	9501-1372	1999	1	2
071-0161	2003	2	0	7110-0103	2007	2	0	827-1991	1997	5	0	9501-1372	1999	2	0
071-0161	2003	3	0	7110-0103	2007	3	0	827-1991	1997	6	0	9501-1372	1999	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0161	2003	4	0	7110-0103	2007	4	0	827-1991	1997	7	2	9501-1372	1999	4	0
071-0161	2003	5	10	7110-0103	2007	5	1	827-1991	1997	8	0	9501-1372	1999	5	0
071-0161	2003	6	50	7110-0103	2007	6	10	827-1991	1997	9	0	9501-1372	1999	6	0
071-0161	2003	7	0	7110-0103	2007	7	0	827-1991	1997	10	0	9501-1372	1999	7	0
071-0161	2003	8	0	7110-0103	2007	8	0	827-1991	1997	11	0	9501-1372	1999	8	0
071-0161	2003	9	6	7110-0103	2007	9	1	827-1991	1997	12	2	9501-1372	1999	9	0
071-0161	2003	10	0	7110-0103	2007	10	0	827-1991	1998	1	0	9501-1372	1999	10	0
071-0161	2003	11	60	7110-0103	2007	11	0	827-1991	1998	2	0	9501-1372	1999	11	0
071-0161	2003	12	0	7110-0103	2007	12	0	827-1991	1998	3	0	9501-1372	1999	12	0
071-0161	2004	1	122	7110-0103	2008	1	0	827-1991	1998	4	0	9501-1372	2000	1	0
071-0161	2004	2	0	7110-0103	2008	2	0	827-1991	1998	5	0	9501-1372	2000	2	0
071-0161	2004	3	0	7110-0103	2008	3	0	827-1991	1998	6	0	9501-1372	2000	3	0
071-0161	2004	4	0	7110-0103	2008	4	0	827-1991	1998	7	0	9501-1372	2000	4	0
071-0161	2004	5	2	7110-0103	2008	5	0	827-1991	1998	8	0	9501-1372	2000	5	0
071-0161	2004	6	0	7110-0103	2008	6	0	827-1991	1998	9	0	9501-1372	2000	6	0
071-0161	2004	7	0	7110-0103	2008	7	0	827-1991	1998	10	0	9501-1372	2000	7	0
071-0161	2004	8	70	7110-0103	2008	8	0	827-1991	1998	11	0	9501-1372	2000	8	0
071-0161	2004	9	63	7110-0103	2008	9	0	827-1991	1998	12	0	9501-1372	2000	9	0
071-0161	2004	10	0	7110-0103	2008	10	0	827-1991	1999	1	0	9501-1372	2000	10	0
071-0161	2004	11	204	7110-0103	2008	11	0	827-1991	1999	2	0	9501-1372	2000	11	0
071-0161	2004	12	90	7110-0103	2008	12	0	827-1991	1999	3	0	9501-1372	2000	12	0
071-0161	2005	1	0	7110-0103	2009	1	650	827-1991	1999	4	0	9501-1372	2001	1	0
071-0161	2005	2	0	7110-0103	2009	2	0	827-1991	1999	5	0	9501-1372	2001	2	0
071-0161	2005	3	505	7110-0103	2009	3	0	827-1991	1999	6	0	9501-1372	2001	3	0
071-0161	2005	4	21	7110-1307	1997	1	0	827-1991	1999	7	0	9501-1372	2001	4	60
071-0161	2005	5	0	7110-1307	1997	2	50	827-1991	1999	8	0	9501-1372	2001	5	0
071-0161	2005	6	0	7110-1307	1997	3	0	827-1991	1999	9	0	9501-1372	2001	6	0
071-0161	2005	7	58	7110-1307	1997	4	0	827-1991	1999	10	0	9501-1372	2001	7	0
071-0161	2005	8	16	7110-1307	1997	5	0	827-1991	1999	11	0	9501-1372	2001	8	0
071-0161	2005	9	10	7110-1307	1997	6	0	827-1991	1999	12	0	9501-1372	2001	9	30
071-0161	2005	10	16	7110-1307	1997	7	0	827-1991	2000	1	0	9501-1372	2001	10	0
071-0161	2005	11	0	7110-1307	1997	8	0	827-1991	2000	2	0	9501-1372	2001	11	0
071-0161	2005	12	0	7110-1307	1997	9	0	827-1991	2000	3	0	9501-1372	2001	12	0
071-0161	2006	1	0	7110-1307	1997	10	0	827-1991	2000	4	0	9501-1372	2002	1	0
071-0161	2006	2	0	7110-1307	1997	11	10	827-1991	2000	5	0	9501-1372	2002	2	0
071-0161	2006	3	6	7110-1307	1997	12	0	827-1991	2000	6	0	9501-1372	2002	3	0
071-0161	2006	4	8	7110-1307	1998	1	0	827-1991	2000	7	0	9501-1372	2002	4	0
071-0161	2006	5	0	7110-1307	1998	2	0	827-1991	2000	8	0	9501-1372	2002	5	0
071-0161	2006	6	0	7110-1307	1998	3	0	827-1991	2000	9	0	9501-1372	2002	6	0
071-0161	2006	7	0	7110-1307	1998	4	0	827-1991	2000	10	0	9501-1372	2002	7	0
071-0161	2006	8	110	7110-1307	1998	5	0	827-1991	2000	11	0	9501-1372	2002	8	0
071-0161	2006	9	0	7110-1307	1998	6	0	827-1991	2000	12	0	9501-1372	2002	9	0
071-0161	2006	10	101	7110-1307	1998	7	0	827-1991	2001	1	0	9501-1372	2002	10	0
071-0161	2006	11	4	7110-1307	1998	8	0	827-1991	2001	2	0	9501-1372	2002	11	0
071-0161	2006	12	0	7110-1307	1998	9	0	827-1991	2001	3	0	9501-1372	2002	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0161	2007	1	6	7110-1307	1998	10	0	827-1991	2001	4	0	9501-1372	2003	1	0
071-0161	2007	2	42	7110-1307	1998	11	0	827-1991	2001	5	0	9501-1372	2003	2	0
071-0161	2007	3	0	7110-1307	1998	12	0	827-1991	2001	6	0	9501-1372	2003	3	0
071-0161	2007	4	0	7110-1307	1999	1	0	827-1991	2001	7	0	9501-1372	2003	4	0
071-0161	2007	5	6	7110-1307	1999	2	0	827-1991	2001	8	0	9501-1372	2003	5	0
071-0161	2007	6	0	7110-1307	1999	3	0	827-1991	2001	9	0	9501-1372	2003	6	0
071-0161	2007	7	0	7110-1307	1999	4	0	827-1991	2001	10	0	9501-1372	2003	7	0
071-0161	2007	8	0	7110-1307	1999	5	0	827-1991	2001	11	0	9501-1372	2003	8	0
071-0161	2007	9	1	7110-1307	1999	6	0	827-1991	2001	12	0	9501-1372	2003	9	0
071-0161	2007	10	0	7110-1307	1999	7	0	827-1991	2002	1	0	9501-1372	2003	10	0
071-0161	2007	11	13	7110-1307	1999	8	0	827-1991	2002	2	0	9501-1372	2003	11	0
071-0161	2007	12	0	7110-1307	1999	9	0	827-1991	2002	3	0	9501-1372	2003	12	0
071-0161	2008	1	50	7110-1307	1999	10	0	827-1991	2002	4	0	9501-1372	2004	1	0
071-0161	2008	2	6	7110-1307	1999	11	0	827-1991	2002	5	0	9501-1372	2004	2	0
071-0161	2008	3	0	7110-1307	1999	12	0	827-1991	2002	6	0	9501-1372	2004	3	0
071-0161	2008	4	313	7110-1307	2000	1	0	827-1991	2002	7	0	9501-1372	2004	4	0
071-0161	2008	5	20	7110-1307	2000	2	0	827-1991	2002	8	0	9501-1372	2004	5	0
071-0161	2008	6	4	7110-1307	2000	3	0	827-1991	2002	9	0	9501-1372	2004	6	0
071-0161	2008	7	6	7110-1307	2000	4	0	827-1991	2002	10	0	9501-1372	2004	7	0
071-0161	2008	8	26	7110-1307	2000	5	0	827-1991	2002	11	0	9501-1372	2004	8	0
071-0161	2008	9	6	7110-1307	2000	6	0	827-1991	2002	12	0	9501-1372	2004	9	0
071-0161	2008	10	10	7110-1307	2000	7	0	827-1991	2003	1	0	9501-1372	2004	10	0
071-0161	2008	11	126	7110-1307	2000	8	0	827-1991	2003	2	0	9501-1372	2004	11	0
071-0161	2008	12	82	7110-1307	2000	9	0	827-1991	2003	3	0	9501-1372	2004	12	0
071-0161	2009	1	70	7110-1307	2000	10	0	827-1991	2003	4	0	9501-1372	2005	1	0
071-0161	2009	2	0	7110-1307	2000	11	0	827-1991	2003	5	0	9501-1372	2005	2	0
071-0161	2009	3	0	7110-1307	2000	12	0	827-1991	2003	6	0	9501-1372	2005	3	56
071-0163	1997	1	22	7110-1307	2001	1	0	827-1991	2003	7	0	9501-1372	2005	4	0
071-0163	1997	2	0	7110-1307	2001	2	0	827-1991	2003	8	0	9501-1372	2005	5	0
071-0163	1997	3	11	7110-1307	2001	3	0	827-1991	2003	9	0	9501-1372	2005	6	0
071-0163	1997	4	0	7110-1307	2001	4	0	827-1991	2003	10	0	9501-1372	2005	7	51
071-0163	1997	5	0	7110-1307	2001	5	0	827-1991	2003	11	0	9501-1372	2005	8	0
071-0163	1997	6	1	7110-1307	2001	6	0	827-1991	2003	12	0	9501-1372	2005	9	0
071-0163	1997	7	0	7110-1307	2001	7	0	827-1991	2004	1	0	9501-1372	2005	10	51
071-0163	1997	8	0	7110-1307	2001	8	0	827-1991	2004	2	2	9501-1372	2005	11	0
071-0163	1997	9	5	7110-1307	2001	9	0	827-1991	2004	3	0	9501-1372	2005	12	0
071-0163	1997	10	5	7110-1307	2001	10	0	827-1991	2004	4	0	9501-1372	2006	1	0
071-0163	1997	11	100	7110-1307	2001	11	0	827-1991	2004	5	0	9501-1372	2006	2	0
071-0163	1997	12	17	7110-1307	2001	12	0	827-1991	2004	6	0	9501-1372	2006	3	0
071-0163	1998	1	3	7110-1307	2002	1	0	827-1991	2004	7	0	9501-1372	2006	4	0
071-0163	1998	2	11	7110-1307	2002	2	0	827-1991	2004	8	0	9501-1372	2006	5	0
071-0163	1998	3	0	7110-1307	2002	3	0	827-1991	2004	9	0	9501-1372	2006	6	0
071-0163	1998	4	22	7110-1307	2002	4	0	827-1991	2004	10	0	9501-1372	2006	7	51
071-0163	1998	5	0	7110-1307	2002	5	0	827-1991	2004	11	0	9501-1372	2006	8	0
071-0163	1998	6	45	7110-1307	2002	6	0	827-1991	2004	12	0	9501-1372	2006	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0163	1998	7	0	7110-1307	2002	7	0	827-1991	2005	1	0	9501-1372	2006	10	0
071-0163	1998	8	0	7110-1307	2002	8	0	827-1991	2005	2	0	9501-1372	2006	11	0
071-0163	1998	9	130	7110-1307	2002	9	0	827-1991	2005	3	0	9501-1372	2006	12	51
071-0163	1998	10	0	7110-1307	2002	10	0	827-1991	2005	4	0	9501-1372	2007	1	0
071-0163	1998	11	3	7110-1307	2002	11	0	827-1991	2005	5	0	9501-1372	2007	2	0
071-0163	1998	12	8	7110-1307	2002	12	0	827-1991	2005	6	0	9501-1372	2007	3	0
071-0163	1999	1	58	7110-1307	2003	1	1	827-1991	2005	7	0	9501-1372	2007	4	0
071-0163	1999	2	25	7110-1307	2003	2	0	827-1991	2005	8	0	9501-1372	2007	5	60
071-0163	1999	3	12	7110-1307	2003	3	0	827-1991	2005	9	0	9501-1372	2007	6	0
071-0163	1999	4	103	7110-1307	2003	4	18	827-1991	2005	10	0	9501-1372	2007	7	0
071-0163	1999	5	6	7110-1307	2003	5	2	827-1991	2005	11	0	9501-1372	2007	8	0
071-0163	1999	6	3	7110-1307	2003	6	0	827-1991	2005	12	0	9501-1372	2007	9	0
071-0163	1999	7	0	7110-1307	2003	7	0	827-1991	2006	1	0	9501-1372	2007	10	51
071-0163	1999	8	0	7110-1307	2003	8	0	827-1991	2006	2	0	9501-1372	2007	11	0
071-0163	1999	9	12	7110-1307	2003	9	0	827-1991	2006	3	0	9501-1372	2007	12	0
071-0163	1999	10	5	7110-1307	2003	10	0	827-1991	2006	4	0	9501-1372	2008	1	0
071-0163	1999	11	13	7110-1307	2003	11	3	827-1991	2006	5	0	9501-1372	2008	2	0
071-0163	1999	12	106	7110-1307	2003	12	0	827-1991	2006	6	0	9501-1372	2008	3	0
071-0163	2000	1	4	7110-1307	2004	1	0	827-1991	2006	7	0	9501-1372	2008	4	0
071-0163	2000	2	22	7110-1307	2004	2	0	827-1991	2006	8	0	9501-1372	2008	5	31
071-0163	2000	3	15	7110-1307	2004	3	0	827-1991	2006	9	0	9501-1372	2008	6	0
071-0163	2000	4	100	7110-1307	2004	4	0	827-1991	2006	10	0	9501-1372	2008	7	0
071-0163	2000	5	400	7110-1307	2004	5	0	827-1991	2006	11	0	9501-1372	2008	8	0
071-0163	2000	6	2	7110-1307	2004	6	0	827-1991	2006	12	0	9501-1372	2008	9	0
071-0163	2000	7	4	7110-1307	2004	7	0	827-1991	2007	1	0	9501-1372	2008	10	51
071-0163	2000	8	0	7110-1307	2004	8	0	827-1991	2007	2	0	9501-1372	2008	11	0
071-0163	2000	9	101	7110-1307	2004	9	0	827-1991	2007	3	150	9501-1372	2008	12	0
071-0163	2000	10	604	7110-1307	2004	10	0	827-4404	1995	1	0	9501-1372	2009	1	0
071-0163	2000	11	0	7110-1307	2004	11	0	827-4404	1995	2	0	9501-1372	2009	2	0
071-0163	2000	12	0	7110-1307	2004	12	0	827-4404	1995	3	0	9501-1372	2009	3	0
071-0163	2001	1	0	7110-1307	2005	1	0	827-4404	1995	4	0	9501-1383	1999	1	77
071-0163	2001	2	3	7110-1307	2005	2	0	827-4404	1995	5	0	9501-1383	1999	2	0
071-0163	2001	3	20	7110-1307	2005	3	0	827-4404	1995	6	0	9501-1383	1999	3	0
071-0163	2001	4	0	7110-1307	2005	4	0	827-4404	1995	7	2	9501-1383	1999	4	0
071-0163	2001	5	12	7110-1307	2005	5	0	827-4404	1995	8	0	9501-1383	1999	5	0
071-0163	2001	6	0	7110-1307	2005	6	0	827-4404	1995	9	0	9501-1383	1999	6	0
071-0163	2001	7	3	7110-1307	2005	7	0	827-4404	1995	10	60	9501-1383	1999	7	0
071-0163	2001	8	15	7110-1307	2005	8	0	827-4404	1995	11	20	9501-1383	1999	8	0
071-0163	2001	9	1010	7110-1307	2005	9	0	827-4404	1995	12	0	9501-1383	1999	9	1
071-0163	2001	10	25	7110-1307	2005	10	0	827-4404	1996	1	0	9501-1383	1999	10	15
071-0163	2001	11	5	7110-1307	2005	11	0	827-4404	1996	2	0	9501-1383	1999	11	0
071-0163	2001	12	8	7110-1307	2005	12	0	827-4404	1996	3	0	9501-1383	1999	12	0
071-0163	2002	1	7	7110-1307	2006	1	0	827-4404	1996	4	0	9501-1383	2000	1	38
071-0163	2002	2	8	7110-1307	2006	2	0	827-4404	1996	5	10	9501-1383	2000	2	0
071-0163	2002	3	7	7110-1307	2006	3	0	827-4404	1996	6	0	9501-1383	2000	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0163	2002	4	2	7110-1307	2006	4	0	827-4404	1996	7	0	9501-1383	2000	4	0
071-0163	2002	5	16	7110-1307	2006	5	0	827-4404	1996	8	12	9501-1383	2000	5	0
071-0163	2002	6	4	7110-1307	2006	6	0	827-4404	1996	9	0	9501-1383	2000	6	0
071-0163	2002	7	10	7110-1307	2006	7	0	827-4404	1996	10	0	9501-1383	2000	7	0
071-0163	2002	8	0	7110-1307	2006	8	0	827-4404	1996	11	3	9501-1383	2000	8	5
071-0163	2002	9	34	7110-1307	2006	9	30	827-4404	1996	12	0	9501-1383	2000	9	0
071-0163	2002	10	0	7110-1307	2006	10	0	827-4404	1997	1	10	9501-1383	2000	10	0
071-0163	2002	11	6	7110-1307	2006	11	0	827-4404	1997	2	0	9501-1383	2000	11	0
071-0163	2002	12	0	7110-1307	2006	12	0	827-4404	1997	3	0	9501-1383	2000	12	0
071-0163	2003	1	22	7110-1307	2007	1	0	827-4404	1997	4	0	9501-1383	2001	1	0
071-0163	2003	2	0	7110-1307	2007	2	0	827-4404	1997	5	0	9501-1383	2001	2	0
071-0163	2003	3	12	7110-1307	2007	3	0	827-4404	1997	6	0	9501-1383	2001	3	0
071-0163	2003	4	0	7110-1307	2007	4	0	827-4404	1997	7	0	9501-1383	2001	4	0
071-0163	2003	5	30	7110-1307	2007	5	0	827-4404	1997	8	0	9501-1383	2001	5	0
071-0163	2003	6	0	7110-1307	2007	6	10	827-4404	1997	9	0	9501-1383	2001	6	0
071-0163	2003	7	0	7110-1307	2007	7	0	827-4404	1997	10	0	9501-1383	2001	7	0
071-0163	2003	8	10	7110-1307	2007	8	0	827-4404	1997	11	2	9501-1383	2001	8	15
071-0163	2003	9	22	7110-1307	2007	9	0	827-4404	1997	12	0	9501-1383	2001	9	0
071-0163	2003	10	0	7110-1307	2007	10	0	827-4404	1998	1	0	9501-1383	2001	10	0
071-0163	2003	11	10	7110-1307	2007	11	0	827-4404	1998	2	10	9501-1383	2001	11	0
071-0163	2003	12	6	7110-1307	2007	12	0	827-4404	1998	3	0	9501-1383	2001	12	6
071-0163	2004	1	27	7110-1307	2008	1	0	827-4404	1998	4	0	9501-1383	2002	1	0
071-0163	2004	2	6	7110-1307	2008	2	0	827-4404	1998	5	0	9501-1383	2002	2	0
071-0163	2004	3	12	7110-1307	2008	3	0	827-4404	1998	6	2	9501-1383	2002	3	0
071-0163	2004	4	118	7110-1307	2008	4	0	827-4404	1998	7	0	9501-1383	2002	4	0
071-0163	2004	5	0	7110-1307	2008	5	0	827-4404	1998	8	0	9501-1383	2002	5	0
071-0163	2004	6	3	7110-1307	2008	6	0	827-4404	1998	9	0	9501-1383	2002	6	0
071-0163	2004	7	1	7110-1307	2008	7	0	827-4404	1998	10	12	9501-1383	2002	7	0
071-0163	2004	8	45	7110-1307	2008	8	0	827-4404	1998	11	0	9501-1383	2002	8	0
071-0163	2004	9	0	7110-1307	2008	9	0	827-4404	1998	12	0	9501-1383	2002	9	0
071-0163	2004	10	0	7110-1307	2008	10	0	827-4404	1999	1	0	9501-1383	2002	10	0
071-0163	2004	11	11	7110-1307	2008	11	0	827-4404	1999	2	0	9501-1383	2002	11	0
071-0163	2004	12	4	7110-1307	2008	12	0	827-4404	1999	3	0	9501-1383	2002	12	0
071-0163	2005	1	2880	7110-1307	2009	1	0	827-4404	1999	4	2	9501-1383	2003	1	0
071-0163	2005	2	23	7110-1307	2009	2	0	827-4404	1999	5	0	9501-1383	2003	2	0
071-0163	2005	3	9	7110-1307	2009	3	0	827-4404	1999	6	0	9501-1383	2003	3	0
071-0163	2005	4	52	7110-1314	1996	1	0	827-4404	1999	7	0	9501-1383	2003	4	0
071-0163	2005	5	11	7110-1314	1996	2	0	827-4404	1999	8	0	9501-1383	2003	5	0
071-0163	2005	6	4	7110-1314	1996	3	0	827-4404	1999	9	4	9501-1383	2003	6	0
071-0163	2005	7	0	7110-1314	1996	4	0	827-4404	1999	10	0	9501-1383	2003	7	0
071-0163	2005	8	0	7110-1314	1996	5	0	827-4404	1999	11	14	9501-1383	2003	8	0
071-0163	2005	9	0	7110-1314	1996	6	0	827-4404	1999	12	0	9501-1383	2003	9	0
071-0163	2005	10	0	7110-1314	1996	7	0	827-4404	2000	1	0	9501-1383	2003	10	0
071-0163	2005	11	2	7110-1314	1996	8	0	827-4404	2000	2	0	9501-1383	2003	11	0
071-0163	2005	12	0	7110-1314	1996	9	70	827-4404	2000	3	0	9501-1383	2003	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-0163	2006	1	105	7110-1314	1996	10	0	827-4404	2000	4	0	9501-1383	2004	1	0
071-0163	2006	2	31	7110-1314	1996	11	0	827-4404	2000	5	0	9501-1383	2004	2	0
071-0163	2006	3	0	7110-1314	1996	12	0	827-4404	2000	6	0	9501-1383	2004	3	0
071-0163	2006	4	0	7110-1314	1997	1	0	827-4404	2000	7	0	9501-1383	2004	4	0
071-0163	2006	5	6	7110-1314	1997	2	0	827-4404	2000	8	0	9501-1383	2004	5	0
071-0163	2006	6	0	7110-1314	1997	3	0	827-4404	2000	9	0	9501-1383	2004	6	0
071-0163	2006	7	20	7110-1314	1997	4	0	827-4404	2000	10	4	9501-1383	2004	7	0
071-0163	2006	8	9	7110-1314	1997	5	5	827-4404	2000	11	0	9501-1383	2004	8	0
071-0163	2006	9	0	7110-1314	1997	6	0	827-4404	2000	12	0	9501-1383	2004	9	0
071-0163	2006	10	6	7110-1314	1997	7	0	827-4404	2001	1	0	9501-1383	2004	10	0
071-0163	2006	11	11	7110-1314	1997	8	70	827-4404	2001	2	0	9501-1383	2004	11	0
071-0163	2006	12	0	7110-1314	1997	9	0	827-4404	2001	3	0	9501-1383	2004	12	0
071-0163	2007	1	11	7110-1314	1997	10	0	827-4404	2001	4	0	9501-1383	2005	1	0
071-0163	2007	2	22	7110-1314	1997	11	0	827-4404	2001	5	0	9501-1383	2005	2	0
071-0163	2007	3	36	7110-1314	1997	12	0	827-4404	2001	6	0	9501-1383	2005	3	7
071-0163	2007	4	55	7110-1314	1998	1	0	827-4404	2001	7	0	9501-1383	2005	4	0
071-0163	2007	5	14	7110-1314	1998	2	0	827-4404	2001	8	10	9501-1383	2005	5	0
071-0163	2007	6	0	7110-1314	1998	3	0	827-4404	2001	9	2	9501-1383	2005	6	0
071-0163	2007	7	2	7110-1314	1998	4	0	827-4404	2001	10	4	9501-1383	2005	7	0
071-0163	2007	8	5	7110-1314	1998	5	0	827-4404	2001	11	0	9501-1383	2005	8	0
071-0163	2007	9	24	7110-1314	1998	6	0	827-4404	2001	12	0	9501-1383	2005	9	0
071-0163	2007	10	31	7110-1314	1998	7	0	827-4404	2002	1	10	9501-1383	2005	10	0
071-0163	2007	11	111	7110-1314	1998	8	0	827-4404	2002	2	3	9501-1383	2005	11	0
071-0163	2007	12	6	7110-1314	1998	9	0	827-4404	2002	3	0	9501-1383	2005	12	0
071-0163	2008	1	0	7110-1314	1998	10	0	827-4404	2002	4	0	9501-1383	2006	1	0
071-0163	2008	2	0	7110-1314	1998	11	0	827-4404	2002	5	0	9501-1383	2006	2	0
071-0163	2008	3	42	7110-1314	1998	12	3	827-4404	2002	6	0	9501-1383	2006	3	0
071-0163	2008	4	36	7110-1314	1999	1	5	827-4404	2002	7	0	9501-1383	2006	4	0
071-0163	2008	5	0	7110-1314	1999	2	0	827-4404	2002	8	0	9501-1383	2006	5	0
071-0163	2008	6	25	7110-1314	1999	3	7	827-4404	2002	9	0	9501-1383	2006	6	0
071-0163	2008	7	0	7110-1314	1999	4	6	827-4404	2002	10	0	9501-1383	2006	7	0
071-0163	2008	8	0	7110-1314	1999	5	0	827-4404	2002	11	6	9501-1383	2006	8	0
071-0163	2008	9	0	7110-1314	1999	6	3	827-4404	2002	12	0	9501-1383	2006	9	0
071-0163	2008	10	34	7110-1314	1999	7	0	827-4404	2003	1	0	9501-1383	2006	10	0
071-0163	2008	11	20	7110-1314	1999	8	86	827-4404	2003	2	0	9501-1383	2006	11	0
071-0163	2008	12	20	7110-1314	1999	9	0	827-4404	2003	3	0	9501-1383	2006	12	0
071-0163	2009	1	30	7110-1314	1999	10	0	827-4404	2003	4	0	9501-1383	2007	1	0
071-0163	2009	2	0	7110-1314	1999	11	0	827-4404	2003	5	0	9501-1383	2007	2	0
071-0163	2009	3	0	7110-1314	1999	12	0	827-4404	2003	6	0	9501-1383	2007	3	0
071-1011	1998	1	0	7110-1314	2000	1	0	827-4404	2003	7	7	9501-1383	2007	4	0
071-1011	1998	2	40	7110-1314	2000	2	0	827-4404	2003	8	30	9501-1383	2007	5	0
071-1011	1998	3	0	7110-1314	2000	3	0	827-4404	2003	9	0	9501-1383	2007	6	0
071-1011	1998	4	0	7110-1314	2000	4	0	827-4404	2003	10	0	9501-1383	2007	7	0
071-1011	1998	5	0	7110-1314	2000	5	0	827-4404	2003	11	0	9501-1383	2007	8	0
071-1011	1998	6	0	7110-1314	2000	6	0	827-4404	2003	12	0	9501-1383	2007	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1011	1998	7	0	7110-1314	2000	7	0	827-4404	2004	1	0	9501-1383	2007	10	0
071-1011	1998	8	0	7110-1314	2000	8	0	827-4404	2004	2	0	9501-1383	2007	11	0
071-1011	1998	9	0	7110-1314	2000	9	5	827-4404	2004	3	2	9501-1383	2007	12	0
071-1011	1998	10	0	7110-1314	2000	10	5	827-4404	2004	4	0	9501-1383	2008	1	0
071-1011	1998	11	0	7110-1314	2000	11	0	827-4404	2004	5	20	9501-1383	2008	2	0
071-1011	1998	12	15	7110-1314	2000	12	0	827-4404	2004	6	0	9501-1383	2008	3	0
071-1011	1999	1	0	7110-1314	2001	1	0	827-4404	2004	7	0	9501-1383	2008	4	0
071-1011	1999	2	0	7110-1314	2001	2	0	827-4404	2004	8	0	9501-1383	2008	5	0
071-1011	1999	3	0	7110-1314	2001	3	100	827-4404	2004	9	0	9501-1383	2008	6	0
071-1011	1999	4	0	7110-1314	2001	4	0	827-4404	2004	10	10	9501-1383	2008	7	0
071-1011	1999	5	0	7110-1314	2001	5	0	827-4404	2004	11	2	9501-1383	2008	8	0
071-1011	1999	6	0	7110-1314	2001	6	0	827-4404	2004	12	0	9501-1383	2008	9	0
071-1011	1999	7	0	7110-1314	2001	7	0	827-4404	2005	1	0	9501-1383	2008	10	0
071-1011	1999	8	0	7110-1314	2001	8	0	827-4404	2005	2	0	9501-1383	2008	11	0
071-1011	1999	9	0	7110-1314	2001	9	0	827-4404	2005	3	0	9501-1383	2008	12	2
071-1011	1999	10	0	7110-1314	2001	10	0	827-4404	2005	4	2	9501-1383	2009	1	0
071-1011	1999	11	90	7110-1314	2001	11	0	827-4404	2005	5	0	9501-1383	2009	2	0
071-1011	1999	12	10	7110-1314	2001	12	0	827-4404	2005	6	0	9501-1383	2009	3	0
071-1011	2000	1	0	7110-1314	2002	1	0	827-4404	2005	7	0	9501-1431	2001	1	0
071-1011	2000	2	0	7110-1314	2002	2	0	827-4404	2005	8	0	9501-1431	2001	2	0
071-1011	2000	3	0	7110-1314	2002	3	0	827-4404	2005	9	0	9501-1431	2001	3	0
071-1011	2000	4	0	7110-1314	2002	4	0	827-4404	2005	10	0	9501-1431	2001	4	0
071-1011	2000	5	0	7110-1314	2002	5	0	827-4404	2005	11	5	9501-1431	2001	5	0
071-1011	2000	6	0	7110-1314	2002	6	5	827-4404	2005	12	0	9501-1431	2001	6	0
071-1011	2000	7	0	7110-1314	2002	7	0	827-4404	2006	1	0	9501-1431	2001	7	0
071-1011	2000	8	0	7110-1314	2002	8	0	827-4404	2006	2	5	9501-1431	2001	8	10
071-1011	2000	9	0	7110-1314	2002	9	5	827-4404	2006	3	2	9501-1431	2001	9	0
071-1011	2000	10	0	7110-1314	2002	10	100	827-4404	2006	4	0	9501-1431	2001	10	17
071-1011	2000	11	0	7110-1314	2002	11	0	827-4404	2006	5	2	9501-1431	2001	11	0
071-1011	2000	12	0	7110-1314	2002	12	0	827-4404	2006	6	0	9501-1431	2001	12	0
071-1011	2001	1	0	7110-1314	2003	1	0	827-4404	2006	7	0	9501-1431	2002	1	0
071-1011	2001	2	0	7110-1314	2003	2	0	827-4404	2006	8	0	9501-1431	2002	2	0
071-1011	2001	3	0	7110-1314	2003	3	0	827-4404	2006	9	0	9501-1431	2002	3	0
071-1011	2001	4	0	7110-1314	2003	4	0	827-4404	2006	10	0	9501-1431	2002	4	0
071-1011	2001	5	0	7110-1314	2003	5	2	827-4404	2006	11	0	9501-1431	2002	5	0
071-1011	2001	6	0	7110-1314	2003	6	6	827-4404	2006	12	0	9501-1431	2002	6	0
071-1011	2001	7	0	7110-1314	2003	7	12	827-4404	2007	1	0	9501-1431	2002	7	0
071-1011	2001	8	0	7110-1314	2003	8	0	827-4404	2007	2	5	9501-1431	2002	8	0
071-1011	2001	9	0	7110-1314	2003	9	0	827-4404	2007	3	0	9501-1431	2002	9	0
071-1011	2001	10	0	7110-1314	2003	10	0	827-4404	2007	4	0	9501-1431	2002	10	25
071-1011	2001	11	0	7110-1314	2003	11	0	827-4404	2007	5	7	9501-1431	2002	11	0
071-1011	2001	12	0	7110-1314	2003	12	0	827-4404	2007	6	0	9501-1431	2002	12	0
071-1011	2002	1	0	7110-1314	2004	1	0	827-4404	2007	7	0	9501-1431	2003	1	0
071-1011	2002	2	0	7110-1314	2004	2	0	827-4404	2007	8	10	9501-1431	2003	2	0
071-1011	2002	3	0	7110-1314	2004	3	0	827-4404	2007	9	5	9501-1431	2003	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1011	2002	4	0	7110-1314	2004	4	0	827-4404	2007	10	2	9501-1431	2003	4	0
071-1011	2002	5	4	7110-1314	2004	5	0	827-4404	2007	11	0	9501-1431	2003	5	0
071-1011	2002	6	0	7110-1314	2004	6	0	827-4404	2007	12	0	9501-1431	2003	6	0
071-1011	2002	7	0	7110-1314	2004	7	6	827-4404	2008	1	0	9501-1431	2003	7	0
071-1011	2002	8	110	7110-1314	2004	8	0	827-4404	2008	2	5	9501-1431	2003	8	0
071-1011	2002	9	0	7110-1314	2004	9	6	827-4404	2008	3	0	9501-1431	2003	9	0
071-1011	2002	10	0	7110-1314	2004	10	0	827-4404	2008	4	0	9501-1431	2003	10	0
071-1011	2002	11	50	7110-1314	2004	11	0	827-4404	2008	5	2	9501-1431	2003	11	0
071-1011	2002	12	0	7110-1314	2004	12	0	827-4404	2008	6	0	9501-1431	2003	12	0
071-1011	2003	1	0	7110-1314	2005	1	0	827-4404	2008	7	0	9501-1431	2004	1	0
071-1011	2003	2	0	7110-1314	2005	2	0	827-4404	2008	8	0	9501-1431	2004	2	0
071-1011	2003	3	0	7110-1314	2005	3	0	827-4404	2008	9	0	9501-1431	2004	3	0
071-1011	2003	4	18	7110-1314	2005	4	0	827-4404	2008	10	0	9501-1431	2004	4	0
071-1011	2003	5	2	7110-1314	2005	5	0	827-4404	2008	11	5	9501-1431	2004	5	0
071-1011	2003	6	0	7110-1314	2005	6	6	827-4404	2008	12	0	9501-1431	2004	6	0
071-1011	2003	7	0	7110-1314	2005	7	0	827-4404	2009	1	0	9501-1431	2004	7	0
071-1011	2003	8	0	7110-1314	2005	8	0	827-4404	2009	2	0	9501-1431	2004	8	6
071-1011	2003	9	0	7110-1314	2005	9	35	827-4404	2009	3	0	9501-1431	2004	9	0
071-1011	2003	10	0	7110-1314	2005	10	0	827-7802	1998	1	0	9501-1431	2004	10	0
071-1011	2003	11	2	7110-1314	2005	11	0	827-7802	1998	2	0	9501-1431	2004	11	0
071-1011	2003	12	0	7110-1314	2005	12	5	827-7802	1998	3	0	9501-1431	2004	12	0
071-1011	2004	1	0	7110-1314	2006	1	0	827-7802	1998	4	0	9501-1431	2005	1	0
071-1011	2004	2	0	7110-1314	2006	2	36	827-7802	1998	5	0	9501-1431	2005	2	0
071-1011	2004	3	0	7110-1314	2006	3	0	827-7802	1998	6	0	9501-1431	2005	3	0
071-1011	2004	4	10	7110-1314	2006	4	0	827-7802	1998	7	0	9501-1431	2005	4	0
071-1011	2004	5	0	7110-1314	2006	5	6	827-7802	1998	8	0	9501-1431	2005	5	0
071-1011	2004	6	0	7110-1314	2006	6	0	827-7802	1998	9	5	9501-1431	2005	6	0
071-1011	2004	7	0	7110-1314	2006	7	0	827-7802	1998	10	0	9501-1431	2005	7	2
071-1011	2004	8	0	7110-1314	2006	8	0	827-7802	1998	11	0	9501-1431	2005	8	0
071-1011	2004	9	0	7110-1314	2006	9	6	827-7802	1998	12	0	9501-1431	2005	9	16
071-1011	2004	10	0	7110-1314	2006	10	9	827-7802	1999	1	0	9501-1431	2005	10	0
071-1011	2004	11	0	7110-1314	2006	11	0	827-7802	1999	2	0	9501-1431	2005	11	0
071-1011	2004	12	0	7110-1314	2006	12	0	827-7802	1999	3	0	9501-1431	2005	12	0
071-1011	2005	1	0	7110-1314	2007	1	6	827-7802	1999	4	0	9501-1431	2006	1	0
071-1011	2005	2	1	7110-1314	2007	2	24	827-7802	1999	5	5	9501-1431	2006	2	0
071-1011	2005	3	0	7110-1314	2007	3	0	827-7802	1999	6	0	9501-1431	2006	3	0
071-1011	2005	4	0	7110-1314	2007	4	36	827-7802	1999	7	0	9501-1431	2006	4	0
071-1011	2005	5	0	7110-1314	2007	5	15	827-7802	1999	8	0	9501-1431	2006	5	0
071-1011	2005	6	0	7110-1314	2007	6	0	827-7802	1999	9	0	9501-1431	2006	6	0
071-1011	2005	7	0	7110-1314	2007	7	0	827-7802	1999	10	0	9501-1431	2006	7	0
071-1011	2005	8	0	7110-1314	2007	8	0	827-7802	1999	11	0	9501-1431	2006	8	0
071-1011	2005	9	0	7110-1314	2007	9	0	827-7802	1999	12	0	9501-1431	2006	9	0
071-1011	2005	10	0	7110-1314	2007	10	11	827-7802	2000	1	0	9501-1431	2006	10	1
071-1011	2005	11	0	7110-1314	2007	11	0	827-7802	2000	2	0	9501-1431	2006	11	6
071-1011	2005	12	0	7110-1314	2007	12	0	827-7802	2000	3	0	9501-1431	2006	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1011	2006	1	0	7110-1314	2008	1	0	827-7802	2000	4	0	9501-1431	2007	1	0
071-1011	2006	2	0	7110-1314	2008	2	0	827-7802	2000	5	0	9501-1431	2007	2	0
071-1011	2006	3	51	7110-1314	2008	3	0	827-7802	2000	6	0	9501-1431	2007	3	0
071-1011	2006	4	0	7110-1314	2008	4	75	827-7802	2000	7	0	9501-1431	2007	4	0
071-1011	2006	5	0	7110-1314	2008	5	9	827-7802	2000	8	0	9501-1431	2007	5	0
071-1011	2006	6	0	7110-1314	2008	6	0	827-7802	2000	9	0	9501-1431	2007	6	0
071-1011	2006	7	0	7110-1314	2008	7	0	827-7802	2000	10	0	9501-1431	2007	7	0
071-1011	2006	8	0	7110-1314	2008	8	0	827-7802	2000	11	0	9501-1431	2007	8	0
071-1011	2006	9	45	7110-1314	2008	9	15	827-7802	2000	12	0	9501-1431	2007	9	0
071-1011	2006	10	0	7110-1314	2008	10	4	827-7802	2001	1	0	9501-1431	2007	10	6
071-1011	2006	11	0	7110-1314	2008	11	0	827-7802	2001	2	0	9501-1431	2007	11	0
071-1011	2006	12	0	7110-1314	2008	12	0	827-7802	2001	3	0	9501-1431	2007	12	0
071-1011	2007	1	0	7110-1314	2009	1	0	827-7802	2001	4	0	9501-1431	2008	1	0
071-1011	2007	2	0	7110-1314	2009	2	0	827-7802	2001	5	0	9501-1431	2008	2	0
071-1011	2007	3	0	7110-1314	2009	3	0	827-7802	2001	6	0	9501-1431	2008	3	0
071-1011	2007	4	0	7110-1318	1996	1	0	827-7802	2001	7	0	9501-1431	2008	4	0
071-1011	2007	5	7	7110-1318	1996	2	0	827-7802	2001	8	0	9501-1431	2008	5	0
071-1011	2007	6	0	7110-1318	1996	3	0	827-7802	2001	9	0	9501-1431	2008	6	0
071-1011	2007	7	0	7110-1318	1996	4	0	827-7802	2001	10	0	9501-1431	2008	7	0
071-1011	2007	8	0	7110-1318	1996	5	0	827-7802	2001	11	0	9501-1431	2008	8	0
071-1011	2007	9	1	7110-1318	1996	6	0	827-7802	2001	12	0	9501-1431	2008	9	0
071-1011	2007	10	0	7110-1318	1996	7	0	827-7802	2002	1	0	9501-1431	2008	10	6
071-1011	2007	11	0	7110-1318	1996	8	0	827-7802	2002	2	0	9501-1431	2008	11	0
071-1011	2007	12	0	7110-1318	1996	9	35	827-7802	2002	3	0	9501-1431	2008	12	0
071-1011	2008	1	0	7110-1318	1996	10	0	827-7802	2002	4	0	9501-1431	2009	1	0
071-1011	2008	2	0	7110-1318	1996	11	0	827-7802	2002	5	0	9501-1431	2009	2	0
071-1011	2008	3	0	7110-1318	1996	12	0	827-7802	2002	6	0	9501-1431	2009	3	0
071-1011	2008	4	0	7110-1318	1997	1	0	827-7802	2002	7	0	9501-1493	1999	1	0
071-1011	2008	5	0	7110-1318	1997	2	0	827-7802	2002	8	0	9501-1493	1999	2	0
071-1011	2008	6	0	7110-1318	1997	3	0	827-7802	2002	9	0	9501-1493	1999	3	0
071-1011	2008	7	0	7110-1318	1997	4	0	827-7802	2002	10	0	9501-1493	1999	4	0
071-1011	2008	8	10	7110-1318	1997	5	13	827-7802	2002	11	0	9501-1493	1999	5	0
071-1011	2008	9	27	7110-1318	1997	6	0	827-7802	2002	12	0	9501-1493	1999	6	0
071-1011	2008	10	0	7110-1318	1997	7	0	827-7802	2003	1	0	9501-1493	1999	7	0
071-1011	2008	11	0	7110-1318	1997	8	0	827-7802	2003	2	0	9501-1493	1999	8	54
071-1011	2008	12	0	7110-1318	1997	9	6	827-7802	2003	3	0	9501-1493	1999	9	0
071-1011	2009	1	0	7110-1318	1997	10	0	827-7802	2003	4	0	9501-1493	1999	10	20
071-1011	2009	2	0	7110-1318	1997	11	6	827-7802	2003	5	0	9501-1493	1999	11	0
071-1011	2009	3	0	7110-1318	1997	12	6	827-7802	2003	6	0	9501-1493	1999	12	0
071-1315	1997	1	0	7110-1318	1998	1	0	827-7802	2003	7	0	9501-1493	2000	1	0
071-1315	1997	2	0	7110-1318	1998	2	0	827-7802	2003	8	0	9501-1493	2000	2	0
071-1315	1997	3	0	7110-1318	1998	3	6	827-7802	2003	9	0	9501-1493	2000	3	0
071-1315	1997	4	0	7110-1318	1998	4	0	827-7802	2003	10	0	9501-1493	2000	4	0
071-1315	1997	5	0	7110-1318	1998	5	0	827-7802	2003	11	0	9501-1493	2000	5	0
071-1315	1997	6	0	7110-1318	1998	6	0	827-7802	2003	12	3	9501-1493	2000	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1315	1997	7	1	7110-1318	1998	7	25	827-7802	2004	1	0	9501-1493	2000	7	0
071-1315	1997	8	0	7110-1318	1998	8	0	827-7802	2004	2	2	9501-1493	2000	8	5
071-1315	1997	9	1	7110-1318	1998	9	5	827-7802	2004	3	0	9501-1493	2000	9	0
071-1315	1997	10	0	7110-1318	1998	10	0	827-7802	2004	4	0	9501-1493	2000	10	0
071-1315	1997	11	0	7110-1318	1998	11	26	827-7802	2004	5	0	9501-1493	2000	11	0
071-1315	1997	12	2	7110-1318	1998	12	0	827-7802	2004	6	0	9501-1493	2000	12	0
071-1315	1998	1	0	7110-1318	1999	1	10	827-7802	2004	7	0	9501-1493	2001	1	0
071-1315	1998	2	0	7110-1318	1999	2	0	827-7802	2004	8	0	9501-1493	2001	2	0
071-1315	1998	3	6	7110-1318	1999	3	0	827-7802	2004	9	0	9501-1493	2001	3	0
071-1315	1998	4	0	7110-1318	1999	4	0	827-7802	2004	10	0	9501-1493	2001	4	0
071-1315	1998	5	0	7110-1318	1999	5	0	827-7802	2004	11	6	9501-1493	2001	5	0
071-1315	1998	6	0	7110-1318	1999	6	62	827-7802	2004	12	0	9501-1493	2001	6	0
071-1315	1998	7	0	7110-1318	1999	7	0	827-7802	2005	1	0	9501-1493	2001	7	0
071-1315	1998	8	0	7110-1318	1999	8	0	827-7802	2005	2	0	9501-1493	2001	8	30
071-1315	1998	9	20	7110-1318	1999	9	0	827-7802	2005	3	0	9501-1493	2001	9	0
071-1315	1998	10	0	7110-1318	1999	10	0	827-7802	2005	4	0	9501-1493	2001	10	50
071-1315	1998	11	0	7110-1318	1999	11	90	827-7802	2005	5	0	9501-1493	2001	11	0
071-1315	1998	12	0	7110-1318	1999	12	10	827-7802	2005	6	0	9501-1493	2001	12	10
071-1315	1999	1	6	7110-1318	2000	1	0	827-7802	2005	7	0	9501-1493	2002	1	0
071-1315	1999	2	0	7110-1318	2000	2	0	827-7802	2005	8	0	9501-1493	2002	2	0
071-1315	1999	3	0	7110-1318	2000	3	0	827-7802	2005	9	2	9501-1493	2002	3	0
071-1315	1999	4	0	7110-1318	2000	4	0	827-7802	2005	10	0	9501-1493	2002	4	0
071-1315	1999	5	0	7110-1318	2000	5	22	827-7802	2005	11	2	9501-1493	2002	5	50
071-1315	1999	6	0	7110-1318	2000	6	0	827-7802	2005	12	0	9501-1493	2002	6	0
071-1315	1999	7	0	7110-1318	2000	7	0	827-7802	2006	1	3	9501-1493	2002	7	0
071-1315	1999	8	0	7110-1318	2000	8	100	827-7802	2006	2	5	9501-1493	2002	8	0
071-1315	1999	9	0	7110-1318	2000	9	0	827-7802	2006	3	3	9501-1493	2002	9	0
071-1315	1999	10	0	7110-1318	2000	10	0	827-7802	2006	4	0	9501-1493	2002	10	0
071-1315	1999	11	0	7110-1318	2000	11	0	827-7802	2006	5	2	9501-1493	2002	11	0
071-1315	1999	12	0	7110-1318	2000	12	0	827-7802	2006	6	0	9501-1493	2002	12	0
071-1315	2000	1	0	7110-1318	2001	1	20	827-7802	2006	7	3	9501-1493	2003	1	0
071-1315	2000	2	0	7110-1318	2001	2	0	827-7802	2006	8	0	9501-1493	2003	2	50
071-1315	2000	3	5	7110-1318	2001	3	0	827-7802	2006	9	0	9501-1493	2003	3	0
071-1315	2000	4	51	7110-1318	2001	4	106	827-7802	2006	10	5	9501-1493	2003	4	50
071-1315	2000	5	0	7110-1318	2001	5	10	827-7802	2006	11	0	9501-1493	2003	5	50
071-1315	2000	6	0	7110-1318	2001	6	0	827-7802	2006	12	3	9501-1493	2003	6	0
071-1315	2000	7	0	7110-1318	2001	7	0	827-7802	2007	1	0	9501-1493	2003	7	0
071-1315	2000	8	0	7110-1318	2001	8	0	827-7802	2007	2	0	9501-1493	2003	8	0
071-1315	2000	9	0	7110-1318	2001	9	0	827-7802	2007	3	0	9501-1493	2003	9	50
071-1315	2000	10	0	7110-1318	2001	10	0	827-7802	2007	4	0	9501-1493	2003	10	0
071-1315	2000	11	0	7110-1318	2001	11	0	827-7802	2007	5	3	9501-1493	2003	11	0
071-1315	2000	12	0	7110-1318	2001	12	0	827-7802	2007	6	0	9501-1493	2003	12	0
071-1315	2001	1	0	7110-1318	2002	1	0	827-7802	2007	7	0	9501-1493	2004	1	0
071-1315	2001	2	0	7110-1318	2002	2	4	827-7802	2007	8	3	9501-1493	2004	2	0
071-1315	2001	3	0	7110-1318	2002	3	100	827-7802	2007	9	0	9501-1493	2004	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1315	2001	4	0	7110-1318	2002	4	0	827-7802	2007	10	0	9501-1493	2004	4	0
071-1315	2001	5	0	7110-1318	2002	5	5	827-7802	2007	11	0	9501-1493	2004	5	50
071-1315	2001	6	0	7110-1318	2002	6	0	827-7802	2007	12	0	9501-1493	2004	6	0
071-1315	2001	7	0	7110-1318	2002	7	0	827-7802	2008	1	8	9501-1493	2004	7	0
071-1315	2001	8	3	7110-1318	2002	8	0	827-7802	2008	2	0	9501-1493	2004	8	90
071-1315	2001	9	0	7110-1318	2002	9	0	827-7802	2008	3	2	9501-1493	2004	9	0
071-1315	2001	10	0	7110-1318	2002	10	0	827-7802	2008	4	15	9501-1493	2004	10	0
071-1315	2001	11	0	7110-1318	2002	11	0	827-7802	2008	5	0	9501-1493	2004	11	0
071-1315	2001	12	0	7110-1318	2002	12	100	827-7802	2008	6	4	9501-1493	2004	12	25
071-1315	2002	1	1	7110-1318	2003	1	12	827-7802	2008	7	0	9501-1493	2005	1	0
071-1315	2002	2	6	7110-1318	2003	2	0	827-7802	2008	8	0	9501-1493	2005	2	181
071-1315	2002	3	0	7110-1318	2003	3	0	827-7802	2008	9	0	9501-1493	2005	3	5
071-1315	2002	4	0	7110-1318	2003	4	18	827-7802	2008	10	11	9501-1493	2005	4	30
071-1315	2002	5	0	7110-1318	2003	5	2	827-7802	2008	11	0	9501-1493	2005	5	0
071-1315	2002	6	0	7110-1318	2003	6	100	827-7802	2008	12	0	9501-1493	2005	6	0
071-1315	2002	7	0	7110-1318	2003	7	12	827-7802	2009	1	6	9501-1493	2005	7	0
071-1315	2002	8	6	7110-1318	2003	8	0	827-7802	2009	2	0	9501-1493	2005	8	90
071-1315	2002	9	0	7110-1318	2003	9	0	827-7802	2009	3	0	9501-1493	2005	9	0
071-1315	2002	10	107	7110-1318	2003	10	0	827-8000	1995	1	0	9501-1493	2005	10	0
071-1315	2002	11	0	7110-1318	2003	11	94	827-8000	1995	2	0	9501-1493	2005	11	120
071-1315	2002	12	0	7110-1318	2003	12	0	827-8000	1995	3	0	9501-1493	2005	12	0
071-1315	2003	1	0	7110-1318	2004	1	0	827-8000	1995	4	0	9501-1493	2006	1	0
071-1315	2003	2	0	7110-1318	2004	2	0	827-8000	1995	5	0	9501-1493	2006	2	0
071-1315	2003	3	0	7110-1318	2004	3	6	827-8000	1995	6	0	9501-1493	2006	3	0
071-1315	2003	4	0	7110-1318	2004	4	105	827-8000	1995	7	0	9501-1493	2006	4	101
071-1315	2003	5	0	7110-1318	2004	5	0	827-8000	1995	8	0	9501-1493	2006	5	0
071-1315	2003	6	0	7110-1318	2004	6	0	827-8000	1995	9	0	9501-1493	2006	6	0
071-1315	2003	7	6	7110-1318	2004	7	0	827-8000	1995	10	4	9501-1493	2006	7	0
071-1315	2003	8	0	7110-1318	2004	8	0	827-8000	1995	11	17	9501-1493	2006	8	101
071-1315	2003	9	0	7110-1318	2004	9	150	827-8000	1995	12	1	9501-1493	2006	9	0
071-1315	2003	10	0	7110-1318	2004	10	0	827-8000	1996	1	1	9501-1493	2006	10	0
071-1315	2003	11	0	7110-1318	2004	11	0	827-8000	1996	2	0	9501-1493	2006	11	0
071-1315	2003	12	0	7110-1318	2004	12	120	827-8000	1996	3	0	9501-1493	2006	12	0
071-1315	2004	1	6	7110-1318	2005	1	20	827-8000	1996	4	0	9501-1493	2007	1	0
071-1315	2004	2	0	7110-1318	2005	2	0	827-8000	1996	5	0	9501-1493	2007	2	0
071-1315	2004	3	0	7110-1318	2005	3	0	827-8000	1996	6	0	9501-1493	2007	3	190
071-1315	2004	4	0	7110-1318	2005	4	0	827-8000	1996	7	20	9501-1493	2007	4	0
071-1315	2004	5	0	7110-1318	2005	5	0	827-8000	1996	8	0	9501-1493	2007	5	0
071-1315	2004	6	0	7110-1318	2005	6	101	827-8000	1996	9	0	9501-1493	2007	6	0
071-1315	2004	7	0	7110-1318	2005	7	0	827-8000	1996	10	0	9501-1493	2007	7	0
071-1315	2004	8	0	7110-1318	2005	8	0	827-8000	1996	11	8	9501-1493	2007	8	0
071-1315	2004	9	4	7110-1318	2005	9	13	827-8000	1996	12	4	9501-1493	2007	9	0
071-1315	2004	10	20	7110-1318	2005	10	72	827-8000	1997	1	0	9501-1493	2007	10	0
071-1315	2004	11	0	7110-1318	2005	11	0	827-8000	1997	2	6	9501-1493	2007	11	0
071-1315	2004	12	15	7110-1318	2005	12	0	827-8000	1997	3	0	9501-1493	2007	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1315	2005	1	15	7110-1318	2006	1	0	827-8000	1997	4	0	9501-1493	2008	1	0
071-1315	2005	2	6	7110-1318	2006	2	0	827-8000	1997	5	0	9501-1493	2008	2	4
071-1315	2005	3	5	7110-1318	2006	3	0	827-8000	1997	6	0	9501-1493	2008	3	120
071-1315	2005	4	0	7110-1318	2006	4	78	827-8000	1997	7	3	9501-1493	2008	4	0
071-1315	2005	5	15	7110-1318	2006	5	12	827-8000	1997	8	17	9501-1493	2008	5	6
071-1315	2005	6	73	7110-1318	2006	6	0	827-8000	1997	9	0	9501-1493	2008	6	0
071-1315	2005	7	0	7110-1318	2006	7	0	827-8000	1997	10	0	9501-1493	2008	7	0
071-1315	2005	8	0	7110-1318	2006	8	0	827-8000	1997	11	0	9501-1493	2008	8	1
071-1315	2005	9	3	7110-1318	2006	9	42	827-8000	1997	12	12	9501-1493	2008	9	0
071-1315	2005	10	6	7110-1318	2006	10	51	827-8000	1998	1	0	9501-1493	2008	10	106
071-1315	2005	11	0	7110-1318	2006	11	24	827-8000	1998	2	0	9501-1493	2008	11	0
071-1315	2005	12	55	7110-1318	2006	12	0	827-8000	1998	3	4	9501-1493	2008	12	0
071-1315	2006	1	0	7110-1318	2007	1	101	827-8000	1998	4	3	9501-1493	2009	1	0
071-1315	2006	2	4	7110-1318	2007	2	24	827-8000	1998	5	14	9501-1493	2009	2	0
071-1315	2006	3	2	7110-1318	2007	3	0	827-8000	1998	6	0	9501-1493	2009	3	0
071-1315	2006	4	0	7110-1318	2007	4	64	827-8000	1998	7	0	9501-3065	1999	1	0
071-1315	2006	5	0	7110-1318	2007	5	23	827-8000	1998	8	0	9501-3065	1999	2	0
071-1315	2006	6	6	7110-1318	2007	6	0	827-8000	1998	9	0	9501-3065	1999	3	0
071-1315	2006	7	0	7110-1318	2007	7	101	827-8000	1998	10	2	9501-3065	1999	4	0
071-1315	2006	8	0	7110-1318	2007	8	0	827-8000	1998	11	0	9501-3065	1999	5	0
071-1315	2006	9	21	7110-1318	2007	9	121	827-8000	1998	12	13	9501-3065	1999	6	0
071-1315	2006	10	0	7110-1318	2007	10	0	827-8000	1999	1	2	9501-3065	1999	7	0
071-1315	2006	11	12	7110-1318	2007	11	20	827-8000	1999	2	2	9501-3065	1999	8	2540
071-1315	2006	12	0	7110-1318	2007	12	0	827-8000	1999	3	0	9501-3065	1999	9	0
071-1315	2007	1	0	7110-1318	2008	1	50	827-8000	1999	4	0	9501-3065	1999	10	0
071-1315	2007	2	6	7110-1318	2008	2	24	827-8000	1999	5	0	9501-3065	1999	11	0
071-1315	2007	3	6	7110-1318	2008	3	200	827-8000	1999	6	2	9501-3065	1999	12	0
071-1315	2007	4	0	7110-1318	2008	4	182	827-8000	1999	7	7	9501-3065	2000	1	0
071-1315	2007	5	4	7110-1318	2008	5	0	827-8000	1999	8	0	9501-3065	2000	2	0
071-1315	2007	6	0	7110-1318	2008	6	0	827-8000	1999	9	7	9501-3065	2000	3	0
071-1315	2007	7	0	7110-1318	2008	7	27	827-8000	1999	10	0	9501-3065	2000	4	2
071-1315	2007	8	0	7110-1318	2008	8	0	827-8000	1999	11	11	9501-3065	2000	5	0
071-1315	2007	9	0	7110-1318	2008	9	0	827-8000	1999	12	0	9501-3065	2000	6	0
071-1315	2007	10	12	7110-1318	2008	10	0	827-8000	2000	1	20	9501-3065	2000	7	1
071-1315	2007	11	0	7110-1318	2008	11	19	827-8000	2000	2	0	9501-3065	2000	8	1303
071-1315	2007	12	0	7110-1318	2008	12	101	827-8000	2000	3	0	9501-3065	2000	9	6
071-1315	2008	1	0	7110-1318	2009	1	0	827-8000	2000	4	0	9501-3065	2000	10	0
071-1315	2008	2	28	7110-1318	2009	2	0	827-8000	2000	5	0	9501-3065	2000	11	0
071-1315	2008	3	50	7110-1318	2009	3	0	827-8000	2000	6	0	9501-3065	2000	12	0
071-1315	2008	4	38	7110-1319	1996	1	0	827-8000	2000	7	0	9501-3065	2001	1	0
071-1315	2008	5	0	7110-1319	1996	2	0	827-8000	2000	8	2	9501-3065	2001	2	0
071-1315	2008	6	13	7110-1319	1996	3	0	827-8000	2000	9	0	9501-3065	2001	3	0
071-1315	2008	7	0	7110-1319	1996	4	0	827-8000	2000	10	0	9501-3065	2001	4	0
071-1315	2008	8	0	7110-1319	1996	5	0	827-8000	2000	11	20	9501-3065	2001	5	0
071-1315	2008	9	60	7110-1319	1996	6	0	827-8000	2000	12	0	9501-3065	2001	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1315	2008	10	26	7110-1319	1996	7	0	827-8000	2001	1	0	9501-3065	2001	7	0
071-1315	2008	11	0	7110-1319	1996	8	0	827-8000	2001	2	0	9501-3065	2001	8	4
071-1315	2008	12	45	7110-1319	1996	9	20	827-8000	2001	3	40	9501-3065	2001	9	160
071-1315	2009	1	0	7110-1319	1996	10	15	827-8000	2001	4	0	9501-3065	2001	10	0
071-1315	2009	2	0	7110-1319	1996	11	0	827-8000	2001	5	0	9501-3065	2001	11	0
071-1315	2009	3	0	7110-1319	1996	12	0	827-8000	2001	6	2	9501-3065	2001	12	0
071-1432	1996	1	0	7110-1319	1997	1	0	827-8000	2001	7	10	9501-3065	2002	1	0
071-1432	1996	2	0	7110-1319	1997	2	0	827-8000	2001	8	1	9501-3065	2002	2	4
071-1432	1996	3	0	7110-1319	1997	3	0	827-8000	2001	9	0	9501-3065	2002	3	0
071-1432	1996	4	0	7110-1319	1997	4	0	827-8000	2001	10	0	9501-3065	2002	4	0
071-1432	1996	5	0	7110-1319	1997	5	28	827-8000	2001	11	0	9501-3065	2002	5	0
071-1432	1996	6	0	7110-1319	1997	6	0	827-8000	2001	12	3	9501-3065	2002	6	0
071-1432	1996	7	0	7110-1319	1997	7	12	827-8000	2002	1	6	9501-3065	2002	7	0
071-1432	1996	8	0	7110-1319	1997	8	3	827-8000	2002	2	3	9501-3065	2002	8	0
071-1432	1996	9	0	7110-1319	1997	9	16	827-8000	2002	3	0	9501-3065	2002	9	0
071-1432	1996	10	0	7110-1319	1997	10	6	827-8000	2002	4	0	9501-3065	2002	10	0
071-1432	1996	11	150	7110-1319	1997	11	6	827-8000	2002	5	2	9501-3065	2002	11	0
071-1432	1996	12	0	7110-1319	1997	12	6	827-8000	2002	6	0	9501-3065	2002	12	0
071-1432	1997	1	0	7110-1319	1998	1	0	827-8000	2002	7	0	9501-3065	2003	1	0
071-1432	1997	2	0	7110-1319	1998	2	35	827-8000	2002	8	10	9501-3065	2003	2	0
071-1432	1997	3	0	7110-1319	1998	3	6	827-8000	2002	9	0	9501-3065	2003	3	100
071-1432	1997	4	0	7110-1319	1998	4	0	827-8000	2002	10	1	9501-3065	2003	4	0
071-1432	1997	5	0	7110-1319	1998	5	0	827-8000	2002	11	0	9501-3065	2003	5	0
071-1432	1997	6	0	7110-1319	1998	6	0	827-8000	2002	12	0	9501-3065	2003	6	0
071-1432	1997	7	0	7110-1319	1998	7	0	827-8000	2003	1	0	9501-3065	2003	7	0
071-1432	1997	8	0	7110-1319	1998	8	0	827-8000	2003	2	0	9501-3065	2003	8	0
071-1432	1997	9	0	7110-1319	1998	9	26	827-8000	2003	3	30	9501-3065	2003	9	0
071-1432	1997	10	0	7110-1319	1998	10	0	827-8000	2003	4	0	9501-3065	2003	10	0
071-1432	1997	11	0	7110-1319	1998	11	26	827-8000	2003	5	4	9501-3065	2003	11	0
071-1432	1997	12	300	7110-1319	1998	12	0	827-8000	2003	6	3	9501-3065	2003	12	0
071-1432	1998	1	0	7110-1319	1999	1	0	827-8000	2003	7	6	9501-3065	2004	1	0
071-1432	1998	2	0	7110-1319	1999	2	0	827-8000	2003	8	0	9501-3065	2004	2	0
071-1432	1998	3	0	7110-1319	1999	3	0	827-8000	2003	9	0	9501-3065	2004	3	0
071-1432	1998	4	0	7110-1319	1999	4	0	827-8000	2003	10	51	9501-3065	2004	4	1
071-1432	1998	5	0	7110-1319	1999	5	0	827-8000	2003	11	0	9501-3065	2004	5	0
071-1432	1998	6	0	7110-1319	1999	6	62	827-8000	2003	12	0	9501-3065	2004	6	0
071-1432	1998	7	120	7110-1319	1999	7	0	827-8000	2004	1	30	9501-3065	2004	7	0
071-1432	1998	8	400	7110-1319	1999	8	0	827-8000	2004	2	1	9501-3065	2004	8	0
071-1432	1998	9	0	7110-1319	1999	9	0	827-8000	2004	3	0	9501-3065	2004	9	0
071-1432	1998	10	0	7110-1319	1999	10	2	827-8000	2004	4	32	9501-3065	2004	10	0
071-1432	1998	11	225	7110-1319	1999	11	90	827-8000	2004	5	0	9501-3065	2004	11	0
071-1432	1998	12	0	7110-1319	1999	12	10	827-8000	2004	6	6	9501-3065	2004	12	0
071-1432	1999	1	1125	7110-1319	2000	1	0	827-8000	2004	7	0	9501-3065	2005	1	0
071-1432	1999	2	0	7110-1319	2000	2	25	827-8000	2004	8	0	9501-3065	2005	2	0
071-1432	1999	3	0	7110-1319	2000	3	0	827-8000	2004	9	0	9501-3065	2005	3	207

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1432	1999	4	0	7110-1319	2000	4	0	827-8000	2004	10	30	9501-3065	2005	4	2
071-1432	1999	5	0	7110-1319	2000	5	22	827-8000	2004	11	2	9501-3065	2005	5	1
071-1432	1999	6	0	7110-1319	2000	6	0	827-8000	2004	12	0	9501-3065	2005	6	0
071-1432	1999	7	0	7110-1319	2000	7	50	827-8000	2005	1	0	9501-3065	2005	7	0
071-1432	1999	8	0	7110-1319	2000	8	0	827-8000	2005	2	0	9501-3065	2005	8	0
071-1432	1999	9	0	7110-1319	2000	9	100	827-8000	2005	3	30	9501-3065	2005	9	0
071-1432	1999	10	0	7110-1319	2000	10	0	827-8000	2005	4	0	9501-3065	2005	10	0
071-1432	1999	11	0	7110-1319	2000	11	0	827-8000	2005	5	0	9501-3065	2005	11	0
071-1432	1999	12	0	7110-1319	2000	12	0	827-8000	2005	6	3	9501-3065	2005	12	0
071-1432	2000	1	0	7110-1319	2001	1	20	827-8000	2005	7	6	9501-3065	2006	1	0
071-1432	2000	2	0	7110-1319	2001	2	3	827-8000	2005	8	3	9501-3065	2006	2	0
071-1432	2000	3	0	7110-1319	2001	3	0	827-8000	2005	9	0	9501-3065	2006	3	4
071-1432	2000	4	0	7110-1319	2001	4	106	827-8000	2005	10	30	9501-3065	2006	4	6
071-1432	2000	5	0	7110-1319	2001	5	0	827-8000	2005	11	0	9501-3065	2006	5	0
071-1432	2000	6	0	7110-1319	2001	6	0	827-8000	2005	12	0	9501-3065	2006	6	0
071-1432	2000	7	0	7110-1319	2001	7	0	827-8000	2006	1	0	9501-3065	2006	7	0
071-1432	2000	8	0	7110-1319	2001	8	0	827-8000	2006	2	0	9501-3065	2006	8	0
071-1432	2000	9	0	7110-1319	2001	9	0	827-8000	2006	3	32	9501-3065	2006	9	0
071-1432	2000	10	0	7110-1319	2001	10	5	827-8000	2006	4	0	9501-3065	2006	10	0
071-1432	2000	11	0	7110-1319	2001	11	0	827-8000	2006	5	0	9501-3065	2006	11	0
071-1432	2000	12	1000	7110-1319	2001	12	0	827-8000	2006	6	0	9501-3065	2006	12	0
071-1432	2001	1	0	7110-1319	2002	1	150	827-8000	2006	7	30	9501-3065	2007	1	0
071-1432	2001	2	0	7110-1319	2002	2	0	827-8000	2006	8	4	9501-3065	2007	2	0
071-1432	2001	3	0	7110-1319	2002	3	0	827-8000	2006	9	0	9501-3065	2007	3	0
071-1432	2001	4	0	7110-1319	2002	4	0	827-8000	2006	10	0	9501-3065	2007	4	15
071-1432	2001	5	0	7110-1319	2002	5	5	827-8000	2006	11	0	9501-3065	2007	5	0
071-1432	2001	6	0	7110-1319	2002	6	0	827-8000	2006	12	0	9501-3065	2007	6	0
071-1432	2001	7	0	7110-1319	2002	7	150	827-8000	2007	1	30	9501-3065	2007	7	0
071-1432	2001	8	8	7110-1319	2002	8	0	827-8000	2007	2	0	9501-3065	2007	8	0
071-1432	2001	9	0	7110-1319	2002	9	0	827-8000	2007	3	1500	9501-3065	2007	9	0
071-1432	2001	10	10	7110-1319	2002	10	0	827-8000	2007	4	0	9501-3065	2007	10	0
071-1432	2001	11	0	7110-1319	2002	11	6	827-8000	2007	5	0	9501-3065	2007	11	0
071-1432	2001	12	0	7110-1319	2002	12	0	827-8000	2007	6	30	9501-3065	2007	12	0
071-1432	2002	1	0	7110-1319	2003	1	15	827-8000	2007	7	3	9501-3065	2008	1	15
071-1432	2002	2	0	7110-1319	2003	2	0	827-8000	2007	8	0	9501-3065	2008	2	0
071-1432	2002	3	0	7110-1319	2003	3	0	827-8000	2007	9	0	9501-3065	2008	3	0
071-1432	2002	4	0	7110-1319	2003	4	168	827-8000	2007	10	0	9501-3065	2008	4	0
071-1432	2002	5	0	7110-1319	2003	5	2	827-8000	2007	11	0	9501-3065	2008	5	0
071-1432	2002	6	0	7110-1319	2003	6	0	827-8000	2007	12	0	9501-3065	2008	6	0
071-1432	2002	7	0	7110-1319	2003	7	12	827-8000	2008	1	100	9501-3065	2008	7	0
071-1432	2002	8	0	7110-1319	2003	8	0	827-8000	2008	2	30	9501-3065	2008	8	4200
071-1432	2002	9	0	7110-1319	2003	9	15	827-8000	2008	3	0	9501-3065	2008	9	0
071-1432	2002	10	0	7110-1319	2003	10	0	827-8000	2008	4	0	9501-3065	2008	10	0
071-1432	2002	11	0	7110-1319	2003	11	14	827-8000	2008	5	0	9501-3065	2008	11	0
071-1432	2002	12	300	7110-1319	2003	12	0	827-8000	2008	6	0	9501-3065	2008	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1432	2003	1	0	7110-1319	2004	1	0	827-8000	2008	7	0	9501-3065	2009	1	154
071-1432	2003	2	0	7110-1319	2004	2	70	827-8000	2008	8	0	9501-3065	2009	2	0
071-1432	2003	3	0	7110-1319	2004	3	0	827-8000	2008	9	0	9501-3065	2009	3	0
071-1432	2003	4	250	7110-1319	2004	4	0	827-8000	2008	10	0	9501-8419	1999	1	52
071-1432	2003	5	8	7110-1319	2004	5	0	827-8000	2008	11	0	9501-8419	1999	2	0
071-1432	2003	6	0	7110-1319	2004	6	200	827-8000	2008	12	0	9501-8419	1999	3	0
071-1432	2003	7	600	7110-1319	2004	7	0	827-8000	2009	1	0	9501-8419	1999	4	0
071-1432	2003	8	0	7110-1319	2004	8	0	827-8000	2009	2	0	9501-8419	1999	5	0
071-1432	2003	9	0	7110-1319	2004	9	0	827-8000	2009	3	0	9501-8419	1999	6	0
071-1432	2003	10	0	7110-1319	2004	10	0	827-8021-1	1995	1	0	9501-8419	1999	7	0
071-1432	2003	11	0	7110-1319	2004	11	0	827-8021-1	1995	2	0	9501-8419	1999	8	573
071-1432	2003	12	0	7110-1319	2004	12	0	827-8021-1	1995	3	1	9501-8419	1999	9	0
071-1432	2004	1	0	7110-1319	2005	1	0	827-8021-1	1995	4	1	9501-8419	1999	10	0
071-1432	2004	2	0	7110-1319	2005	2	0	827-8021-1	1995	5	2	9501-8419	1999	11	0
071-1432	2004	3	0	7110-1319	2005	3	101	827-8021-1	1995	6	0	9501-8419	1999	12	0
071-1432	2004	4	0	7110-1319	2005	4	0	827-8021-1	1995	7	0	9501-8419	2000	1	10
071-1432	2004	5	0	7110-1319	2005	5	0	827-8021-1	1995	8	0	9501-8419	2000	2	0
071-1432	2004	6	720	7110-1319	2005	6	0	827-8021-1	1995	9	0	9501-8419	2000	3	0
071-1432	2004	7	0	7110-1319	2005	7	117	827-8021-1	1995	10	0	9501-8419	2000	4	0
071-1432	2004	8	0	7110-1319	2005	8	0	827-8021-1	1995	11	2	9501-8419	2000	5	0
071-1432	2004	9	700	7110-1319	2005	9	0	827-8021-1	1995	12	0	9501-8419	2000	6	0
071-1432	2004	10	0	7110-1319	2005	10	101	827-8021-1	1996	1	2	9501-8419	2000	7	0
071-1432	2004	11	0	7110-1319	2005	11	0	827-8021-1	1996	2	0	9501-8419	2000	8	3
071-1432	2004	12	0	7110-1319	2005	12	10	827-8021-1	1996	3	0	9501-8419	2000	9	0
071-1432	2005	1	0	7110-1319	2006	1	0	827-8021-1	1996	4	2	9501-8419	2000	10	2
071-1432	2005	2	0	7110-1319	2006	2	101	827-8021-1	1996	5	0	9501-8419	2000	11	0
071-1432	2005	3	0	7110-1319	2006	3	0	827-8021-1	1996	6	0	9501-8419	2000	12	0
071-1432	2005	4	360	7110-1319	2006	4	0	827-8021-1	1996	7	0	9501-8419	2001	1	0
071-1432	2005	5	0	7110-1319	2006	5	0	827-8021-1	1996	8	0	9501-8419	2001	2	0
071-1432	2005	6	0	7110-1319	2006	6	12	827-8021-1	1996	9	0	9501-8419	2001	3	0
071-1432	2005	7	0	7110-1319	2006	7	111	827-8021-1	1996	10	1	9501-8419	2001	4	0
071-1432	2005	8	0	7110-1319	2006	8	14	827-8021-1	1996	11	1	9501-8419	2001	5	0
071-1432	2005	9	0	7110-1319	2006	9	30	827-8021-1	1996	12	5	9501-8419	2001	6	4
071-1432	2005	10	480	7110-1319	2006	10	101	827-8021-1	1997	1	0	9501-8419	2001	7	2
071-1432	2005	11	0	7110-1319	2006	11	20	827-8021-1	1997	2	0	9501-8419	2001	8	12
071-1432	2005	12	0	7110-1319	2006	12	0	827-8021-1	1997	3	9	9501-8419	2001	9	0
071-1432	2006	1	0	7110-1319	2007	1	0	827-8021-1	1997	4	0	9501-8419	2001	10	0
071-1432	2006	2	0	7110-1319	2007	2	24	827-8021-1	1997	5	0	9501-8419	2001	11	0
071-1432	2006	3	0	7110-1319	2007	3	120	827-8021-1	1997	6	6	9501-8419	2001	12	0
071-1432	2006	4	0	7110-1319	2007	4	15	827-8021-1	1997	7	3	9501-8419	2002	1	0
071-1432	2006	5	0	7110-1319	2007	5	0	827-8021-1	1997	8	0	9501-8419	2002	2	0
071-1432	2006	6	0	7110-1319	2007	6	66	827-8021-1	1997	9	2	9501-8419	2002	3	0
071-1432	2006	7	0	7110-1319	2007	7	0	827-8021-1	1997	10	0	9501-8419	2002	4	0
071-1432	2006	8	0	7110-1319	2007	8	0	827-8021-1	1997	11	0	9501-8419	2002	5	0
071-1432	2006	9	0	7110-1319	2007	9	101	827-8021-1	1997	12	0	9501-8419	2002	6	5

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1432	2006	10	400	7110-1319	2007	10	0	827-8021-1	1998	1	12	9501-8419	2002	7	0
071-1432	2006	11	0	7110-1319	2007	11	0	827-8021-1	1998	2	0	9501-8419	2002	8	0
071-1432	2006	12	0	7110-1319	2007	12	20	827-8021-1	1998	3	0	9501-8419	2002	9	0
071-1432	2007	1	500	7110-1319	2008	1	50	827-8021-1	1998	4	0	9501-8419	2002	10	0
071-1432	2007	2	0	7110-1319	2008	2	150	827-8021-1	1998	5	0	9501-8419	2002	11	0
071-1432	2007	3	0	7110-1319	2008	3	0	827-8021-1	1998	6	0	9501-8419	2002	12	0
071-1432	2007	4	0	7110-1319	2008	4	158	827-8021-1	1998	7	0	9501-8419	2003	1	0
071-1432	2007	5	0	7110-1319	2008	5	0	827-8021-1	1998	8	0	9501-8419	2003	2	0
071-1432	2007	6	0	7110-1319	2008	6	100	827-8021-1	1998	9	0	9501-8419	2003	3	0
071-1432	2007	7	0	7110-1319	2008	7	36	827-8021-1	1998	10	0	9501-8419	2003	4	2
071-1432	2007	8	0	7110-1319	2008	8	0	827-8021-1	1998	11	2	9501-8419	2003	5	0
071-1432	2007	9	0	7110-1319	2008	9	0	827-8021-1	1998	12	0	9501-8419	2003	6	8
071-1432	2007	10	0	7110-1319	2008	10	115	827-8021-1	1999	1	1	9501-8419	2003	7	0
071-1432	2007	11	0	7110-1319	2008	11	29	827-8021-1	1999	2	0	9501-8419	2003	8	0
071-1432	2007	12	0	7110-1319	2008	12	0	827-8021-1	1999	3	0	9501-8419	2003	9	1
071-1432	2008	1	0	7110-1319	2009	1	101	827-8021-1	1999	4	0	9501-8419	2003	10	0
071-1432	2008	2	0	7110-1319	2009	2	0	827-8021-1	1999	5	0	9501-8419	2003	11	0
071-1432	2008	3	0	7110-1319	2009	3	0	827-8021-1	1999	6	0	9501-8419	2003	12	0
071-1432	2008	4	0	7110-1321	1997	1	2430	827-8021-1	1999	7	5	9501-8419	2004	1	2
071-1432	2008	5	0	7110-1321	1997	2	50	827-8021-1	1999	8	5	9501-8419	2004	2	0
071-1432	2008	6	0	7110-1321	1997	3	0	827-8021-1	1999	9	4	9501-8419	2004	3	0
071-1432	2008	7	0	7110-1321	1997	4	0	827-8021-1	1999	10	4	9501-8419	2004	4	0
071-1432	2008	8	0	7110-1321	1997	5	0	827-8021-1	1999	11	0	9501-8419	2004	5	0
071-1432	2008	9	0	7110-1321	1997	6	195	827-8021-1	1999	12	0	9501-8419	2004	6	0
071-1432	2008	10	0	7110-1321	1997	7	0	827-8021-1	2000	1	13	9501-8419	2004	7	0
071-1432	2008	11	0	7110-1321	1997	8	0	827-8021-1	2000	2	0	9501-8419	2004	8	0
071-1432	2008	12	0	7110-1321	1997	9	0	827-8021-1	2000	3	0	9501-8419	2004	9	0
071-1432	2009	1	0	7110-1321	1997	10	0	827-8021-1	2000	4	0	9501-8419	2004	10	0
071-1432	2009	2	0	7110-1321	1997	11	0	827-8021-1	2000	5	0	9501-8419	2004	11	0
071-1432	2009	3	0	7110-1321	1997	12	0	827-8021-1	2000	6	2	9501-8419	2004	12	0
071-1573	1998	1	0	7110-1321	1998	1	0	827-8021-1	2000	7	0	9501-8419	2005	1	0
071-1573	1998	2	0	7110-1321	1998	2	0	827-8021-1	2000	8	3	9501-8419	2005	2	0
071-1573	1998	3	0	7110-1321	1998	3	0	827-8021-1	2000	9	0	9501-8419	2005	3	7
071-1573	1998	4	0	7110-1321	1998	4	0	827-8021-1	2000	10	0	9501-8419	2005	4	0
071-1573	1998	5	0	7110-1321	1998	5	0	827-8021-1	2000	11	0	9501-8419	2005	5	0
071-1573	1998	6	0	7110-1321	1998	6	450	827-8021-1	2000	12	0	9501-8419	2005	6	2
071-1573	1998	7	0	7110-1321	1998	7	0	827-8021-1	2001	1	0	9501-8419	2005	7	0
071-1573	1998	8	0	7110-1321	1998	8	0	827-8021-1	2001	2	0	9501-8419	2005	8	0
071-1573	1998	9	10	7110-1321	1998	9	0	827-8021-1	2001	3	0	9501-8419	2005	9	0
071-1573	1998	10	0	7110-1321	1998	10	0	827-8021-1	2001	4	6	9501-8419	2005	10	3
071-1573	1998	11	0	7110-1321	1998	11	0	827-8021-1	2001	5	0	9501-8419	2005	11	7
071-1573	1998	12	0	7110-1321	1998	12	0	827-8021-1	2001	6	0	9501-8419	2005	12	0
071-1573	1999	1	6	7110-1321	1999	1	0	827-8021-1	2001	7	0	9501-8419	2006	1	0
071-1573	1999	2	0	7110-1321	1999	2	0	827-8021-1	2001	8	0	9501-8419	2006	2	0
071-1573	1999	3	0	7110-1321	1999	3	0	827-8021-1	2001	9	0	9501-8419	2006	3	6

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1573	1999	4	0	7110-1321	1999	4	0	827-8021-1	2001	10	0	9501-8419	2006	4	0
071-1573	1999	5	0	7110-1321	1999	5	0	827-8021-1	2001	11	6	9501-8419	2006	5	0
071-1573	1999	6	0	7110-1321	1999	6	0	827-8021-1	2001	12	0	9501-8419	2006	6	0
071-1573	1999	7	21	7110-1321	1999	7	0	827-8021-1	2002	1	0	9501-8419	2006	7	0
071-1573	1999	8	0	7110-1321	1999	8	0	827-8021-1	2002	2	6	9501-8419	2006	8	29
071-1573	1999	9	0	7110-1321	1999	9	1255	827-8021-1	2002	3	0	9501-8419	2006	9	0
071-1573	1999	10	0	7110-1321	1999	10	0	827-8021-1	2002	4	0	9501-8419	2006	10	0
071-1573	1999	11	0	7110-1321	1999	11	0	827-8021-1	2002	5	0	9501-8419	2006	11	0
071-1573	1999	12	0	7110-1321	1999	12	0	827-8021-1	2002	6	0	9501-8419	2006	12	0
071-1573	2000	1	0	7110-1321	2000	1	9	827-8021-1	2002	7	0	9501-8419	2007	1	10
071-1573	2000	2	0	7110-1321	2000	2	0	827-8021-1	2002	8	0	9501-8419	2007	2	0
071-1573	2000	3	0	7110-1321	2000	3	292	827-8021-1	2002	9	0	9501-8419	2007	3	0
071-1573	2000	4	25	7110-1321	2000	4	0	827-8021-1	2002	10	0	9501-8419	2007	4	0
071-1573	2000	5	0	7110-1321	2000	5	0	827-8021-1	2002	11	6	9501-8419	2007	5	0
071-1573	2000	6	0	7110-1321	2000	6	0	827-8021-1	2002	12	0	9501-8419	2007	6	0
071-1573	2000	7	0	7110-1321	2000	7	0	827-8021-1	2003	1	0	9501-8419	2007	7	0
071-1573	2000	8	0	7110-1321	2000	8	25	827-8021-1	2003	2	0	9501-8419	2007	8	0
071-1573	2000	9	0	7110-1321	2000	9	0	827-8021-1	2003	3	0	9501-8419	2007	9	0
071-1573	2000	10	0	7110-1321	2000	10	0	827-8021-1	2003	4	0	9501-8419	2007	10	0
071-1573	2000	11	0	7110-1321	2000	11	0	827-8021-1	2003	5	5	9501-8419	2007	11	5
071-1573	2000	12	0	7110-1321	2000	12	155	827-8021-1	2003	6	0	9501-8419	2007	12	0
071-1573	2001	1	0	7110-1321	2001	1	0	827-8021-1	2003	7	0	9501-8419	2008	1	10
071-1573	2001	2	0	7110-1321	2001	2	0	827-8021-1	2003	8	5	9501-8419	2008	2	0
071-1573	2001	3	0	7110-1321	2001	3	0	827-8021-1	2003	9	0	9501-8419	2008	3	0
071-1573	2001	4	0	7110-1321	2001	4	0	827-8021-1	2003	10	0	9501-8419	2008	4	0
071-1573	2001	5	0	7110-1321	2001	5	0	827-8021-1	2003	11	0	9501-8419	2008	5	0
071-1573	2001	6	0	7110-1321	2001	6	0	827-8021-1	2003	12	0	9501-8419	2008	6	0
071-1573	2001	7	0	7110-1321	2001	7	0	827-8021-1	2004	1	0	9501-8419	2008	7	0
071-1573	2001	8	5	7110-1321	2001	8	0	827-8021-1	2004	2	0	9501-8419	2008	8	0
071-1573	2001	9	10	7110-1321	2001	9	0	827-8021-1	2004	3	0	9501-8419	2008	9	0
071-1573	2001	10	0	7110-1321	2001	10	0	827-8021-1	2004	4	3	9501-8419	2008	10	20
071-1573	2001	11	0	7110-1321	2001	11	0	827-8021-1	2004	5	0	9501-8419	2008	11	0
071-1573	2001	12	0	7110-1321	2001	12	10	827-8021-1	2004	6	5	9501-8419	2008	12	0
071-1573	2002	1	0	7110-1321	2002	1	0	827-8021-1	2004	7	0	9501-8419	2009	1	0
071-1573	2002	2	0	7110-1321	2002	2	0	827-8021-1	2004	8	0	9501-8419	2009	2	0
071-1573	2002	3	0	7110-1321	2002	3	100	827-8021-1	2004	9	0	9501-8419	2009	3	0
071-1573	2002	4	0	7110-1321	2002	4	10	827-8021-1	2004	10	0	9601-1403	2003	1	10
071-1573	2002	5	0	7110-1321	2002	5	0	827-8021-1	2004	11	0	9601-1403	2003	2	0
071-1573	2002	6	0	7110-1321	2002	6	0	827-8021-1	2004	12	0	9601-1403	2003	3	0
071-1573	2002	7	0	7110-1321	2002	7	0	827-8021-1	2005	1	0	9601-1403	2003	4	0
071-1573	2002	8	0	7110-1321	2002	8	150	827-8021-1	2005	2	6	9601-1403	2003	5	50
071-1573	2002	9	101	7110-1321	2002	9	0	827-8021-1	2005	3	1	9601-1403	2003	6	0
071-1573	2002	10	0	7110-1321	2002	10	150	827-8021-1	2005	4	0	9601-1403	2003	7	0
071-1573	2002	11	0	7110-1321	2002	11	0	827-8021-1	2005	5	0	9601-1403	2003	8	0
071-1573	2002	12	0	7110-1321	2002	12	0	827-8021-1	2005	6	0	9601-1403	2003	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1573	2003	1	0	7110-1321	2003	1	1	827-8021-1	2005	7	1	9601-1403	2003	10	0
071-1573	2003	2	0	7110-1321	2003	2	100	827-8021-1	2005	8	0	9601-1403	2003	11	0
071-1573	2003	3	0	7110-1321	2003	3	0	827-8021-1	2005	9	6	9601-1403	2003	12	0
071-1573	2003	4	10	7110-1321	2003	4	0	827-8021-1	2005	10	0	9601-1403	2004	1	7
071-1573	2003	5	0	7110-1321	2003	5	100	827-8021-1	2005	11	0	9601-1403	2004	2	0
071-1573	2003	6	0	7110-1321	2003	6	0	827-8021-1	2005	12	0	9601-1403	2004	3	10
071-1573	2003	7	0	7110-1321	2003	7	0	827-8021-1	2006	1	0	9601-1403	2004	4	0
071-1573	2003	8	0	7110-1321	2003	8	0	827-8021-1	2006	2	6	9601-1403	2004	5	0
071-1573	2003	9	0	7110-1321	2003	9	20	827-8021-1	2006	3	0	9601-1403	2004	6	0
071-1573	2003	10	0	7110-1321	2003	10	200	827-8021-1	2006	4	0	9601-1403	2004	7	0
071-1573	2003	11	5	7110-1321	2003	11	0	827-8021-1	2006	5	0	9601-1403	2004	8	0
071-1573	2003	12	0	7110-1321	2003	12	0	827-8021-1	2006	6	6	9601-1403	2004	9	0
071-1573	2004	1	0	7110-1321	2004	1	0	827-8021-1	2006	7	6	9601-1403	2004	10	0
071-1573	2004	2	0	7110-1321	2004	2	300	827-8021-1	2006	8	0	9601-1403	2004	11	26
071-1573	2004	3	0	7110-1321	2004	3	0	827-8021-1	2006	9	0	9601-1403	2004	12	0
071-1573	2004	4	0	7110-1321	2004	4	145	827-8021-1	2006	10	0	9601-1403	2005	1	0
071-1573	2004	5	0	7110-1321	2004	5	0	827-8021-1	2006	11	0	9601-1403	2005	2	0
071-1573	2004	6	0	7110-1321	2004	6	0	827-8021-1	2006	12	0	9601-1403	2005	3	0
071-1573	2004	7	5	7110-1321	2004	7	0	827-8021-1	2007	1	0	9601-1403	2005	4	0
071-1573	2004	8	0	7110-1321	2004	8	120	827-8021-1	2007	2	5	9601-1403	2005	5	0
071-1573	2004	9	0	7110-1321	2004	9	0	827-8021-1	2007	3	6	9601-1403	2005	6	0
071-1573	2004	10	0	7110-1321	2004	10	0	827-8021-1	2007	4	0	9601-1403	2005	7	0
071-1573	2004	11	0	7110-1321	2004	11	0	827-8021-1	2007	5	0	9601-1403	2005	8	0
071-1573	2004	12	0	7110-1321	2004	12	260	827-8021-1	2007	6	0	9601-1403	2005	9	0
071-1573	2005	1	0	7110-1321	2005	1	0	827-8021-1	2007	7	0	9601-1403	2005	10	0
071-1573	2005	2	0	7110-1321	2005	2	0	827-8021-1	2007	8	12	9601-1403	2005	11	0
071-1573	2005	3	5	7110-1321	2005	3	0	827-8021-1	2007	9	0	9601-1403	2005	12	0
071-1573	2005	4	4	7110-1321	2005	4	0	827-8021-1	2007	10	3	9601-1403	2006	1	0
071-1573	2005	5	0	7110-1321	2005	5	251	827-8021-1	2007	11	0	9601-1403	2006	2	0
071-1573	2005	6	0	7110-1321	2005	6	0	827-8021-1	2007	12	6	9601-1403	2006	3	0
071-1573	2005	7	0	7110-1321	2005	7	0	827-8021-1	2008	1	0	9601-1403	2006	4	0
071-1573	2005	8	0	7110-1321	2005	8	0	827-8021-1	2008	2	6	9601-1403	2006	5	100
071-1573	2005	9	0	7110-1321	2005	9	0	827-8021-1	2008	3	0	9601-1403	2006	6	0
071-1573	2005	10	0	7110-1321	2005	10	251	827-8021-1	2008	4	0	9601-1403	2006	7	0
071-1573	2005	11	10	7110-1321	2005	11	0	827-8021-1	2008	5	0	9601-1403	2006	8	0
071-1573	2005	12	0	7110-1321	2005	12	0	827-8021-1	2008	6	0	9601-1403	2006	9	0
071-1573	2006	1	0	7110-1321	2006	1	0	827-8021-1	2008	7	0	9601-1403	2006	10	0
071-1573	2006	2	0	7110-1321	2006	2	0	827-8021-1	2008	8	0	9601-1403	2006	11	0
071-1573	2006	3	0	7110-1321	2006	3	0	827-8021-1	2008	9	6	9601-1403	2006	12	0
071-1573	2006	4	0	7110-1321	2006	4	180	827-8021-1	2008	10	0	9601-1403	2007	1	0
071-1573	2006	5	16	7110-1321	2006	5	0	827-8021-1	2008	11	0	9601-1403	2007	2	0
071-1573	2006	6	0	7110-1321	2006	6	300	827-8021-1	2008	12	0	9601-1403	2007	3	0
071-1573	2006	7	0	7110-1321	2006	7	0	827-8021-1	2009	1	0	9601-1403	2007	4	0
071-1573	2006	8	9	7110-1321	2006	8	0	827-8021-1	2009	2	0	9601-1403	2007	5	0
071-1573	2006	9	0	7110-1321	2006	9	0	827-8021-1	2009	3	0	9601-1403	2007	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1573	2006	10	0	7110-1321	2006	10	0	8500-0118	1995	1	0	9601-1403	2007	7	0
071-1573	2006	11	0	7110-1321	2006	11	361	8500-0118	1995	2	10	9601-1403	2007	8	0
071-1573	2006	12	0	7110-1321	2006	12	0	8500-0118	1995	3	151	9601-1403	2007	9	0
071-1573	2007	1	0	7110-1321	2007	1	100	8500-0118	1995	4	0	9601-1403	2007	10	51
071-1573	2007	2	120	7110-1321	2007	2	0	8500-0118	1995	5	24	9601-1403	2007	11	0
071-1573	2007	3	6	7110-1321	2007	3	0	8500-0118	1995	6	19	9601-1403	2007	12	0
071-1573	2007	4	0	7110-1321	2007	4	356	8500-0118	1995	7	0	9601-1403	2008	1	0
071-1573	2007	5	0	7110-1321	2007	5	0	8500-0118	1995	8	178	9601-1403	2008	2	0
071-1573	2007	6	0	7110-1321	2007	6	10	8500-0118	1995	9	0	9601-1403	2008	3	0
071-1573	2007	7	7	7110-1321	2007	7	0	8500-0118	1995	10	0	9601-1403	2008	4	0
071-1573	2007	8	0	7110-1321	2007	8	0	8500-0118	1995	11	202	9601-1403	2008	5	0
071-1573	2007	9	0	7110-1321	2007	9	345	8500-0118	1995	12	10	9601-1403	2008	6	0
071-1573	2007	10	0	7110-1321	2007	10	0	8500-0118	1996	1	84	9601-1403	2008	7	0
071-1573	2007	11	6	7110-1321	2007	11	0	8500-0118	1996	2	20	9601-1403	2008	8	0
071-1573	2007	12	0	7110-1321	2007	12	101	8500-0118	1996	3	0	9601-1403	2008	9	0
071-1573	2008	1	0	7110-1321	2008	1	0	8500-0118	1996	4	160	9601-1403	2008	10	0
071-1573	2008	2	9	7110-1321	2008	2	0	8500-0118	1996	5	33	9601-1403	2008	11	0
071-1573	2008	3	0	7110-1321	2008	3	0	8500-0118	1996	6	42	9601-1403	2008	12	0
071-1573	2008	4	16	7110-1321	2008	4	490	8500-0118	1996	7	185	9601-1403	2009	1	0
071-1573	2008	5	0	7110-1321	2008	5	115	8500-0118	1996	8	0	9601-1403	2009	2	0
071-1573	2008	6	30	7110-1321	2008	6	0	8500-0118	1996	9	182	9601-1403	2009	3	0
071-1573	2008	7	2	7110-1321	2008	7	0	8500-0118	1996	10	0	9601-1900	2000	1	0
071-1573	2008	8	0	7110-1321	2008	8	0	8500-0118	1996	11	256	9601-1900	2000	2	0
071-1573	2008	9	0	7110-1321	2008	9	101	8500-0118	1996	12	22	9601-1900	2000	3	0
071-1573	2008	10	0	7110-1321	2008	10	500	8500-0118	1997	1	30	9601-1900	2000	4	22
071-1573	2008	11	0	7110-1321	2008	11	0	8500-0118	1997	2	20	9601-1900	2000	5	0
071-1573	2008	12	2	7110-1321	2008	12	123	8500-0118	1997	3	6	9601-1900	2000	6	0
071-1573	2009	1	0	7110-1321	2009	1	0	8500-0118	1997	4	140	9601-1900	2000	7	0
071-1573	2009	2	0	7110-1321	2009	2	0	8500-0118	1997	5	0	9601-1900	2000	8	0
071-1573	2009	3	0	7110-1321	2009	3	0	8500-0118	1997	6	0	9601-1900	2000	9	0
071-1588	1996	1	0	7110-1324	1997	1	0	8500-0118	1997	7	208	9601-1900	2000	10	0
071-1588	1996	2	0	7110-1324	1997	2	0	8500-0118	1997	8	20	9601-1900	2000	11	0
071-1588	1996	3	0	7110-1324	1997	3	0	8500-0118	1997	9	0	9601-1900	2000	12	0
071-1588	1996	4	0	7110-1324	1997	4	0	8500-0118	1997	10	0	9601-1900	2001	1	0
071-1588	1996	5	0	7110-1324	1997	5	0	8500-0118	1997	11	0	9601-1900	2001	2	0
071-1588	1996	6	0	7110-1324	1997	6	5	8500-0118	1997	12	0	9601-1900	2001	3	1
071-1588	1996	7	0	7110-1324	1997	7	0	8500-0118	1998	1	0	9601-1900	2001	4	0
071-1588	1996	8	0	7110-1324	1997	8	0	8500-0118	1998	2	0	9601-1900	2001	5	6
071-1588	1996	9	0	7110-1324	1997	9	0	8500-0118	1998	3	24	9601-1900	2001	6	0
071-1588	1996	10	0	7110-1324	1997	10	0	8500-0118	1998	4	0	9601-1900	2001	7	0
071-1588	1996	11	5	7110-1324	1997	11	0	8500-0118	1998	5	0	9601-1900	2001	8	0
071-1588	1996	12	17	7110-1324	1997	12	0	8500-0118	1998	6	0	9601-1900	2001	9	0
071-1588	1997	1	0	7110-1324	1998	1	0	8500-0118	1998	7	0	9601-1900	2001	10	0
071-1588	1997	2	0	7110-1324	1998	2	0	8500-0118	1998	8	24	9601-1900	2001	11	0
071-1588	1997	3	1	7110-1324	1998	3	1	8500-0118	1998	9	0	9601-1900	2001	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1588	1997	4	0	7110-1324	1998	4	0	8500-0118	1998	10	48	9601-1900	2002	1	0
071-1588	1997	5	7	7110-1324	1998	5	0	8500-0118	1998	11	0	9601-1900	2002	2	0
071-1588	1997	6	9	7110-1324	1998	6	0	8500-0118	1998	12	220	9601-1900	2002	3	0
071-1588	1997	7	1	7110-1324	1998	7	5	8500-0118	1999	1	0	9601-1900	2002	4	0
071-1588	1997	8	0	7110-1324	1998	8	15	8500-0118	1999	2	30	9601-1900	2002	5	0
071-1588	1997	9	1	7110-1324	1998	9	1	8500-0118	1999	3	274	9601-1900	2002	6	0
071-1588	1997	10	0	7110-1324	1998	10	0	8500-0118	1999	4	2	9601-1900	2002	7	0
071-1588	1997	11	32	7110-1324	1998	11	0	8500-0118	1999	5	0	9601-1900	2002	8	0
071-1588	1997	12	2	7110-1324	1998	12	0	8500-0118	1999	6	250	9601-1900	2002	9	1
071-1588	1998	1	0	7110-1324	1999	1	3	8500-0118	1999	7	0	9601-1900	2002	10	0
071-1588	1998	2	0	7110-1324	1999	2	0	8500-0118	1999	8	0	9601-1900	2002	11	0
071-1588	1998	3	6	7110-1324	1999	3	0	8500-0118	1999	9	20	9601-1900	2002	12	0
071-1588	1998	4	95	7110-1324	1999	4	1	8500-0118	1999	10	0	9601-1900	2003	1	0
071-1588	1998	5	2	7110-1324	1999	5	0	8500-0118	1999	11	250	9601-1900	2003	2	0
071-1588	1998	6	1	7110-1324	1999	6	0	8500-0118	1999	12	0	9601-1900	2003	3	8
071-1588	1998	7	8	7110-1324	1999	7	0	8500-0118	2000	1	0	9601-1900	2003	4	3
071-1588	1998	8	1	7110-1324	1999	8	0	8500-0118	2000	2	0	9601-1900	2003	5	2
071-1588	1998	9	2	7110-1324	1999	9	4	8500-0118	2000	3	0	9601-1900	2003	6	0
071-1588	1998	10	1	7110-1324	1999	10	0	8500-0118	2000	4	0	9601-1900	2003	7	0
071-1588	1998	11	0	7110-1324	1999	11	0	8500-0118	2000	5	250	9601-1900	2003	8	0
071-1588	1998	12	39	7110-1324	1999	12	1	8500-0118	2000	6	0	9601-1900	2003	9	0
071-1588	1999	1	15	7110-1324	2000	1	0	8500-0118	2000	7	0	9601-1900	2003	10	0
071-1588	1999	2	15	7110-1324	2000	2	0	8500-0118	2000	8	30	9601-1900	2003	11	0
071-1588	1999	3	4	7110-1324	2000	3	1	8500-0118	2000	9	0	9601-1900	2003	12	0
071-1588	1999	4	0	7110-1324	2000	4	1	8500-0118	2000	10	0	9601-1900	2004	1	0
071-1588	1999	5	0	7110-1324	2000	5	0	8500-0118	2000	11	0	9601-1900	2004	2	0
071-1588	1999	6	0	7110-1324	2000	6	1	8500-0118	2000	12	0	9601-1900	2004	3	0
071-1588	1999	7	0	7110-1324	2000	7	0	8500-0118	2001	1	0	9601-1900	2004	4	0
071-1588	1999	8	0	7110-1324	2000	8	0	8500-0118	2001	2	0	9601-1900	2004	5	0
071-1588	1999	9	0	7110-1324	2000	9	0	8500-0118	2001	3	0	9601-1900	2004	6	0
071-1588	1999	10	0	7110-1324	2000	10	0	8500-0118	2001	4	0	9601-1900	2004	7	0
071-1588	1999	11	0	7110-1324	2000	11	0	8500-0118	2001	5	0	9601-1900	2004	8	0
071-1588	1999	12	0	7110-1324	2000	12	0	8500-0118	2001	6	10	9601-1900	2004	9	0
071-1588	2000	1	0	7110-1324	2001	1	4	8500-0118	2001	7	60	9601-1900	2004	10	0
071-1588	2000	2	0	7110-1324	2001	2	0	8500-0118	2001	8	15	9601-1900	2004	11	0
071-1588	2000	3	2	7110-1324	2001	3	0	8500-0118	2001	9	0	9601-1900	2004	12	0
071-1588	2000	4	10	7110-1324	2001	4	0	8500-0118	2001	10	0	9601-1900	2005	1	0
071-1588	2000	5	0	7110-1324	2001	5	4	8500-0118	2001	11	20	9601-1900	2005	2	0
071-1588	2000	6	0	7110-1324	2001	6	0	8500-0118	2001	12	0	9601-1900	2005	3	0
071-1588	2000	7	10	7110-1324	2001	7	0	8500-0118	2002	1	0	9601-1900	2005	4	0
071-1588	2000	8	1	7110-1324	2001	8	0	8500-0118	2002	2	0	9601-1900	2005	5	0
071-1588	2000	9	2	7110-1324	2001	9	0	8500-0118	2002	3	8	9601-1900	2005	6	0
071-1588	2000	10	10	7110-1324	2001	10	0	8500-0118	2002	4	0	9601-1900	2005	7	0
071-1588	2000	11	0	7110-1324	2001	11	0	8500-0118	2002	5	20	9601-1900	2005	8	0
071-1588	2000	12	20	7110-1324	2001	12	0	8500-0118	2002	6	0	9601-1900	2005	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1588	2001	1	6	7110-1324	2002	1	0	8500-0118	2002	7	0	9601-1900	2005	10	0
071-1588	2001	2	12	7110-1324	2002	2	0	8500-0118	2002	8	0	9601-1900	2005	11	0
071-1588	2001	3	0	7110-1324	2002	3	0	8500-0118	2002	9	0	9601-1900	2005	12	0
071-1588	2001	4	100	7110-1324	2002	4	0	8500-0118	2002	10	0	9601-1900	2006	1	0
071-1588	2001	5	0	7110-1324	2002	5	0	8500-0118	2002	11	0	9601-1900	2006	2	0
071-1588	2001	6	0	7110-1324	2002	6	0	8500-0118	2002	12	0	9601-1900	2006	3	0
071-1588	2001	7	0	7110-1324	2002	7	0	8500-0118	2003	1	10	9601-1900	2006	4	0
071-1588	2001	8	8	7110-1324	2002	8	6	8500-0118	2003	2	20	9601-1900	2006	5	0
071-1588	2001	9	0	7110-1324	2002	9	3	8500-0118	2003	3	251	9601-1900	2006	6	0
071-1588	2001	10	7	7110-1324	2002	10	0	8500-0118	2003	4	0	9601-1900	2006	7	0
071-1588	2001	11	0	7110-1324	2002	11	0	8500-0118	2003	5	0	9601-1900	2006	8	0
071-1588	2001	12	100	7110-1324	2002	12	0	8500-0118	2003	6	20	9601-1900	2006	9	7
071-1588	2002	1	0	7110-1324	2003	1	0	8500-0118	2003	7	0	9601-1900	2006	10	0
071-1588	2002	2	50	7110-1324	2003	2	0	8500-0118	2003	8	0	9601-1900	2006	11	0
071-1588	2002	3	0	7110-1324	2003	3	0	8500-0118	2003	9	0	9601-1900	2006	12	0
071-1588	2002	4	110	7110-1324	2003	4	1	8500-0118	2003	10	0	9601-1900	2007	1	0
071-1588	2002	5	14	7110-1324	2003	5	0	8500-0118	2003	11	0	9601-1900	2007	2	1
071-1588	2002	6	0	7110-1324	2003	6	0	8500-0118	2003	12	0	9601-1900	2007	3	0
071-1588	2002	7	0	7110-1324	2003	7	0	8500-0118	2004	1	0	9601-1900	2007	4	0
071-1588	2002	8	10	7110-1324	2003	8	0	8500-0118	2004	2	0	9601-1900	2007	5	6
071-1588	2002	9	10	7110-1324	2003	9	0	8500-0118	2004	3	0	9601-1900	2007	6	0
071-1588	2002	10	50	7110-1324	2003	10	0	8500-0118	2004	4	50	9601-1900	2007	7	0
071-1588	2002	11	0	7110-1324	2003	11	0	8500-0118	2004	5	12	9601-1900	2007	8	0
071-1588	2002	12	0	7110-1324	2003	12	0	8500-0118	2004	6	30	9601-1900	2007	9	0
071-1588	2003	1	65	7110-1324	2004	1	0	8500-0118	2004	7	0	9601-1900	2007	10	2
071-1588	2003	2	0	7110-1324	2004	2	0	8500-0118	2004	8	0	9601-1900	2007	11	0
071-1588	2003	3	0	7110-1324	2004	3	0	8500-0118	2004	9	0	9601-1900	2007	12	0
071-1588	2003	4	16	7110-1324	2004	4	0	8500-0118	2004	10	0	9601-1900	2008	1	0
071-1588	2003	5	4	7110-1324	2004	5	0	8500-0118	2004	11	0	9601-1900	2008	2	0
071-1588	2003	6	2	7110-1324	2004	6	0	8500-0118	2004	12	12	9601-1900	2008	3	0
071-1588	2003	7	51	7110-1324	2004	7	0	8500-0118	2005	1	0	9601-1900	2008	4	0
071-1588	2003	8	0	7110-1324	2004	8	0	8500-0118	2005	2	0	9601-1900	2008	5	0
071-1588	2003	9	8	7110-1324	2004	9	0	8500-0118	2005	3	0	9601-1900	2008	6	6
071-1588	2003	10	30	7110-1324	2004	10	0	8500-0118	2005	4	0	9601-1900	2008	7	1
071-1588	2003	11	4	7110-1324	2004	11	0	8500-0118	2005	5	0	9601-1900	2008	8	0
071-1588	2003	12	0	7110-1324	2004	12	0	8500-0118	2005	6	0	9601-1900	2008	9	0
071-1588	2004	1	0	7110-1324	2005	1	0	8500-0118	2005	7	0	9601-1900	2008	10	0
071-1588	2004	2	0	7110-1324	2005	2	0	8500-0118	2005	8	0	9601-1900	2008	11	0
071-1588	2004	3	0	7110-1324	2005	3	0	8500-0118	2005	9	0	9601-1900	2008	12	0
071-1588	2004	4	101	7110-1324	2005	4	0	8500-0118	2005	10	0	9601-1900	2009	1	0
071-1588	2004	5	0	7110-1324	2005	5	0	8500-0118	2005	11	0	9601-1900	2009	2	0
071-1588	2004	6	6	7110-1324	2005	6	0	8500-0118	2005	12	0	9601-1900	2009	3	0
071-1588	2004	7	1	7110-1324	2005	7	0	8500-0118	2006	1	0	9601-7004	1997	1	0
071-1588	2004	8	55	7110-1324	2005	8	0	8500-0118	2006	2	0	9601-7004	1997	2	0
071-1588	2004	9	6	7110-1324	2005	9	0	8500-0118	2006	3	0	9601-7004	1997	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1588	2004	10	0	7110-1324	2005	10	0	8500-0118	2006	4	0	9601-7004	1997	4	0
071-1588	2004	11	251	7110-1324	2005	11	0	8500-0118	2006	5	0	9601-7004	1997	5	0
071-1588	2004	12	806	7110-1324	2005	12	0	8500-0118	2006	6	0	9601-7004	1997	6	0
071-1588	2005	1	0	7110-1324	2006	1	0	8500-0118	2006	7	0	9601-7004	1997	7	0
071-1588	2005	2	9	7110-1324	2006	2	0	8500-0118	2006	8	0	9601-7004	1997	8	0
071-1588	2005	3	7	7110-1324	2006	3	0	8500-0118	2006	9	0	9601-7004	1997	9	5
071-1588	2005	4	0	7110-1324	2006	4	0	8500-0118	2006	10	0	9601-7004	1997	10	0
071-1588	2005	5	0	7110-1324	2006	5	0	8500-0118	2006	11	0	9601-7004	1997	11	0
071-1588	2005	6	6	7110-1324	2006	6	0	8500-0118	2006	12	0	9601-7004	1997	12	0
071-1588	2005	7	6	7110-1324	2006	7	0	8500-0118	2007	1	0	9601-7004	1998	1	0
071-1588	2005	8	0	7110-1324	2006	8	0	8500-0118	2007	2	0	9601-7004	1998	2	0
071-1588	2005	9	127	7110-1324	2006	9	0	8500-0118	2007	3	0	9601-7004	1998	3	6
071-1588	2005	10	7	7110-1324	2006	10	0	8500-0118	2007	4	0	9601-7004	1998	4	40
071-1588	2005	11	0	7110-1324	2006	11	0	8500-0118	2007	5	12	9601-7004	1998	5	2
071-1588	2005	12	0	7110-1324	2006	12	0	8500-0118	2007	6	0	9601-7004	1998	6	1
071-1588	2006	1	6	7110-1324	2007	1	0	8500-0118	2007	7	0	9601-7004	1998	7	0
071-1588	2006	2	375	7110-1324	2007	2	0	8500-0118	2007	8	0	9601-7004	1998	8	0
071-1588	2006	3	0	7110-1324	2007	3	0	8500-0118	2007	9	0	9601-7004	1998	9	0
071-1588	2006	4	0	7110-1324	2007	4	0	8500-0118	2007	10	0	9601-7004	1998	10	0
071-1588	2006	5	0	7110-1324	2007	5	0	8500-0118	2007	11	0	9601-7004	1998	11	3
071-1588	2006	6	0	7110-1324	2007	6	0	8500-0118	2007	12	0	9601-7004	1998	12	25
071-1588	2006	7	0	7110-1324	2007	7	3	8500-0118	2008	1	0	9601-7004	1999	1	49
071-1588	2006	8	384	7110-1324	2007	8	0	8500-0118	2008	2	0	9601-7004	1999	2	12
071-1588	2006	9	40	7110-1324	2007	9	0	8500-0118	2008	3	0	9601-7004	1999	3	10
071-1588	2006	10	0	7110-1324	2007	10	2	8500-0118	2008	4	0	9601-7004	1999	4	5
071-1588	2006	11	0	7110-1324	2007	11	0	8500-0118	2008	5	0	9601-7004	1999	5	0
071-1588	2006	12	0	7110-1324	2007	12	0	8500-0118	2008	6	0	9601-7004	1999	6	3
071-1588	2007	1	300	7110-1324	2008	1	0	8500-0118	2008	7	0	9601-7004	1999	7	0
071-1588	2007	2	123	7110-1324	2008	2	0	8500-0118	2008	8	0	9601-7004	1999	8	2
071-1588	2007	3	6	7110-1324	2008	3	0	8500-0118	2008	9	0	9601-7004	1999	9	25
071-1588	2007	4	554	7110-1324	2008	4	0	8500-0118	2008	10	0	9601-7004	1999	10	0
071-1588	2007	5	0	7110-1324	2008	5	0	8500-0118	2008	11	0	9601-7004	1999	11	12
071-1588	2007	6	4	7110-1324	2008	6	0	8500-0118	2008	12	0	9601-7004	1999	12	0
071-1588	2007	7	0	7110-1324	2008	7	0	8500-0118	2009	1	0	9601-7004	2000	1	0
071-1588	2007	8	0	7110-1324	2008	8	0	8500-0118	2009	2	0	9601-7004	2000	2	0
071-1588	2007	9	0	7110-1324	2008	9	0	8500-0118	2009	3	0	9601-7004	2000	3	0
071-1588	2007	10	0	7110-1324	2008	10	0	8500-0129	1996	1	0	9601-7004	2000	4	20
071-1588	2007	11	0	7110-1324	2008	11	6	8500-0129	1996	2	0	9601-7004	2000	5	0
071-1588	2007	12	0	7110-1324	2008	12	0	8500-0129	1996	3	0	9601-7004	2000	6	0
071-1588	2008	1	320	7110-1324	2009	1	0	8500-0129	1996	4	0	9601-7004	2000	7	3
071-1588	2008	2	155	7110-1324	2009	2	0	8500-0129	1996	5	0	9601-7004	2000	8	1
071-1588	2008	3	0	7110-1324	2009	3	0	8500-0129	1996	6	0	9601-7004	2000	9	0
071-1588	2008	4	6	7110-1327	1997	1	0	8500-0129	1996	7	150	9601-7004	2000	10	12
071-1588	2008	5	0	7110-1327	1997	2	0	8500-0129	1996	8	0	9601-7004	2000	11	0
071-1588	2008	6	256	7110-1327	1997	3	0	8500-0129	1996	9	0	9601-7004	2000	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-1588	2008	7	1	7110-1327	1997	4	0	8500-0129	1996	10	0	9601-7004	2001	1	0
071-1588	2008	8	7	7110-1327	1997	5	10	8500-0129	1996	11	0	9601-7004	2001	2	5
071-1588	2008	9	2	7110-1327	1997	6	0	8500-0129	1996	12	0	9601-7004	2001	3	0
071-1588	2008	10	4	7110-1327	1997	7	0	8500-0129	1997	1	0	9601-7004	2001	4	0
071-1588	2008	11	120	7110-1327	1997	8	0	8500-0129	1997	2	0	9601-7004	2001	5	0
071-1588	2008	12	1	7110-1327	1997	9	160	8500-0129	1997	3	0	9601-7004	2001	6	0
071-1588	2009	1	251	7110-1327	1997	10	0	8500-0129	1997	4	0	9601-7004	2001	7	12
071-1588	2009	2	0	7110-1327	1997	11	0	8500-0129	1997	5	0	9601-7004	2001	8	0
071-1588	2009	3	0	7110-1327	1997	12	0	8500-0129	1997	6	0	9601-7004	2001	9	0
071-2311	1996	1	0	7110-1327	1998	1	0	8500-0129	1997	7	0	9601-7004	2001	10	0
071-2311	1996	2	0	7110-1327	1998	2	0	8500-0129	1997	8	0	9601-7004	2001	11	0
071-2311	1996	3	0	7110-1327	1998	3	0	8500-0129	1997	9	0	9601-7004	2001	12	19
071-2311	1996	4	0	7110-1327	1998	4	0	8500-0129	1997	10	0	9601-7004	2002	1	25
071-2311	1996	5	0	7110-1327	1998	5	0	8500-0129	1997	11	0	9601-7004	2002	2	2
071-2311	1996	6	0	7110-1327	1998	6	0	8500-0129	1997	12	0	9601-7004	2002	3	1
071-2311	1996	7	0	7110-1327	1998	7	0	8500-0129	1998	1	0	9601-7004	2002	4	0
071-2311	1996	8	0	7110-1327	1998	8	0	8500-0129	1998	2	0	9601-7004	2002	5	0
071-2311	1996	9	0	7110-1327	1998	9	0	8500-0129	1998	3	0	9601-7004	2002	6	0
071-2311	1996	10	0	7110-1327	1998	10	0	8500-0129	1998	4	0	9601-7004	2002	7	0
071-2311	1996	11	150	7110-1327	1998	11	0	8500-0129	1998	5	0	9601-7004	2002	8	0
071-2311	1996	12	15	7110-1327	1998	12	0	8500-0129	1998	6	0	9601-7004	2002	9	0
071-2311	1997	1	0	7110-1327	1999	1	0	8500-0129	1998	7	0	9601-7004	2002	10	0
071-2311	1997	2	0	7110-1327	1999	2	0	8500-0129	1998	8	0	9601-7004	2002	11	0
071-2311	1997	3	0	7110-1327	1999	3	0	8500-0129	1998	9	0	9601-7004	2002	12	0
071-2311	1997	4	0	7110-1327	1999	4	0	8500-0129	1998	10	0	9601-7004	2003	1	37
071-2311	1997	5	0	7110-1327	1999	5	0	8500-0129	1998	11	0	9601-7004	2003	2	0
071-2311	1997	6	0	7110-1327	1999	6	0	8500-0129	1998	12	0	9601-7004	2003	3	0
071-2311	1997	7	0	7110-1327	1999	7	0	8500-0129	1999	1	160	9601-7004	2003	4	20
071-2311	1997	8	0	7110-1327	1999	8	0	8500-0129	1999	2	0	9601-7004	2003	5	1
071-2311	1997	9	0	7110-1327	1999	9	0	8500-0129	1999	3	0	9601-7004	2003	6	1
071-2311	1997	10	0	7110-1327	1999	10	0	8500-0129	1999	4	0	9601-7004	2003	7	25
071-2311	1997	11	0	7110-1327	1999	11	0	8500-0129	1999	5	0	9601-7004	2003	8	0
071-2311	1997	12	0	7110-1327	1999	12	0	8500-0129	1999	6	0	9601-7004	2003	9	2
071-2311	1998	1	0	7110-1327	2000	1	0	8500-0129	1999	7	0	9601-7004	2003	10	25
071-2311	1998	2	0	7110-1327	2000	2	0	8500-0129	1999	8	0	9601-7004	2003	11	24
071-2311	1998	3	0	7110-1327	2000	3	0	8500-0129	1999	9	0	9601-7004	2003	12	0
071-2311	1998	4	0	7110-1327	2000	4	0	8500-0129	1999	10	0	9601-7004	2004	1	2
071-2311	1998	5	0	7110-1327	2000	5	0	8500-0129	1999	11	0	9601-7004	2004	2	0
071-2311	1998	6	0	7110-1327	2000	6	0	8500-0129	1999	12	0	9601-7004	2004	3	0
071-2311	1998	7	0	7110-1327	2000	7	0	8500-0129	2000	1	0	9601-7004	2004	4	6
071-2311	1998	8	0	7110-1327	2000	8	0	8500-0129	2000	2	0	9601-7004	2004	5	0
071-2311	1998	9	0	7110-1327	2000	9	0	8500-0129	2000	3	0	9601-7004	2004	6	0
071-2311	1998	10	0	7110-1327	2000	10	0	8500-0129	2000	4	0	9601-7004	2004	7	0
071-2311	1998	11	0	7110-1327	2000	11	0	8500-0129	2000	5	0	9601-7004	2004	8	25
071-2311	1998	12	0	7110-1327	2000	12	0	8500-0129	2000	6	0	9601-7004	2004	9	10

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-2311	1999	1	150	7110-1327	2001	1	0	8500-0129	2000	7	0	9601-7004	2004	10	4
071-2311	1999	2	0	7110-1327	2001	2	0	8500-0129	2000	8	0	9601-7004	2004	11	0
071-2311	1999	3	0	7110-1327	2001	3	0	8500-0129	2000	9	0	9601-7004	2004	12	20
071-2311	1999	4	0	7110-1327	2001	4	0	8500-0129	2000	10	0	9601-7004	2005	1	0
071-2311	1999	5	0	7110-1327	2001	5	0	8500-0129	2000	11	0	9601-7004	2005	2	20
071-2311	1999	6	0	7110-1327	2001	6	0	8500-0129	2000	12	0	9601-7004	2005	3	0
071-2311	1999	7	0	7110-1327	2001	7	0	8500-0129	2001	1	0	9601-7004	2005	4	24
071-2311	1999	8	0	7110-1327	2001	8	0	8500-0129	2001	2	0	9601-7004	2005	5	0
071-2311	1999	9	0	7110-1327	2001	9	0	8500-0129	2001	3	0	9601-7004	2005	6	12
071-2311	1999	10	0	7110-1327	2001	10	0	8500-0129	2001	4	0	9601-7004	2005	7	0
071-2311	1999	11	0	7110-1327	2001	11	0	8500-0129	2001	5	0	9601-7004	2005	8	12
071-2311	1999	12	0	7110-1327	2001	12	0	8500-0129	2001	6	0	9601-7004	2005	9	0
071-2311	2000	1	0	7110-1327	2002	1	0	8500-0129	2001	7	0	9601-7004	2005	10	0
071-2311	2000	2	0	7110-1327	2002	2	0	8500-0129	2001	8	0	9601-7004	2005	11	30
071-2311	2000	3	0	7110-1327	2002	3	0	8500-0129	2001	9	60	9601-7004	2005	12	0
071-2311	2000	4	0	7110-1327	2002	4	0	8500-0129	2001	10	0	9601-7004	2006	1	25
071-2311	2000	5	0	7110-1327	2002	5	0	8500-0129	2001	11	0	9601-7004	2006	2	0
071-2311	2000	6	0	7110-1327	2002	6	0	8500-0129	2001	12	0	9601-7004	2006	3	76
071-2311	2000	7	0	7110-1327	2002	7	0	8500-0129	2002	1	1	9601-7004	2006	4	0
071-2311	2000	8	0	7110-1327	2002	8	0	8500-0129	2002	2	0	9601-7004	2006	5	0
071-2311	2000	9	0	7110-1327	2002	9	0	8500-0129	2002	3	0	9601-7004	2006	6	0
071-2311	2000	10	0	7110-1327	2002	10	0	8500-0129	2002	4	0	9601-7004	2006	7	0
071-2311	2000	11	0	7110-1327	2002	11	0	8500-0129	2002	5	0	9601-7004	2006	8	0
071-2311	2000	12	0	7110-1327	2002	12	100	8500-0129	2002	6	0	9601-7004	2006	9	51
071-2311	2001	1	0	7110-1327	2003	1	0	8500-0129	2002	7	51	9601-7004	2006	10	1
071-2311	2001	2	0	7110-1327	2003	2	0	8500-0129	2002	8	0	9601-7004	2006	11	12
071-2311	2001	3	0	7110-1327	2003	3	0	8500-0129	2002	9	0	9601-7004	2006	12	52
071-2311	2001	4	0	7110-1327	2003	4	0	8500-0129	2002	10	17	9601-7004	2007	1	0
071-2311	2001	5	0	7110-1327	2003	5	0	8500-0129	2002	11	0	9601-7004	2007	2	0
071-2311	2001	6	0	7110-1327	2003	6	0	8500-0129	2002	12	0	9601-7004	2007	3	294
071-2311	2001	7	0	7110-1327	2003	7	0	8500-0129	2003	1	9	9601-7004	2007	4	0
071-2311	2001	8	0	7110-1327	2003	8	0	8500-0129	2003	2	75	9601-7004	2007	5	0
071-2311	2001	9	0	7110-1327	2003	9	0	8500-0129	2003	3	101	9601-7004	2007	6	0
071-2311	2001	10	0	7110-1327	2003	10	0	8500-0129	2003	4	51	9601-7004	2007	7	0
071-2311	2001	11	0	7110-1327	2003	11	0	8500-0129	2003	5	0	9601-7004	2007	8	0
071-2311	2001	12	0	7110-1327	2003	12	0	8500-0129	2003	6	0	9601-7004	2007	9	10
071-2311	2002	1	0	7110-1327	2004	1	0	8500-0129	2003	7	0	9601-7004	2007	10	0
071-2311	2002	2	0	7110-1327	2004	2	0	8500-0129	2003	8	0	9601-7004	2007	11	0
071-2311	2002	3	0	7110-1327	2004	3	0	8500-0129	2003	9	0	9601-7004	2007	12	25
071-2311	2002	4	0	7110-1327	2004	4	0	8500-0129	2003	10	0	9601-7004	2008	1	0
071-2311	2002	5	0	7110-1327	2004	5	115	8500-0129	2003	11	0	9601-7004	2008	2	0
071-2311	2002	6	0	7110-1327	2004	6	0	8500-0129	2003	12	6	9601-7004	2008	3	0
071-2311	2002	7	0	7110-1327	2004	7	0	8500-0129	2004	1	0	9601-7004	2008	4	0
071-2311	2002	8	0	7110-1327	2004	8	0	8500-0129	2004	2	0	9601-7004	2008	5	0
071-2311	2002	9	0	7110-1327	2004	9	0	8500-0129	2004	3	0	9601-7004	2008	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-2311	2002	10	0	7110-1327	2004	10	101	8500-0129	2004	4	0	9601-7004	2008	7	33
071-2311	2002	11	0	7110-1327	2004	11	0	8500-0129	2004	5	0	9601-7004	2008	8	24
071-2311	2002	12	0	7110-1327	2004	12	0	8500-0129	2004	6	0	9601-7004	2008	9	0
071-2311	2003	1	75	7110-1327	2005	1	0	8500-0129	2004	7	0	9601-7004	2008	10	0
071-2311	2003	2	0	7110-1327	2005	2	0	8500-0129	2004	8	0	9601-7004	2008	11	15
071-2311	2003	3	0	7110-1327	2005	3	0	8500-0129	2004	9	0	9601-7004	2008	12	30
071-2311	2003	4	0	7110-1327	2005	4	51	8500-0129	2004	10	0	9601-7004	2009	1	0
071-2311	2003	5	0	7110-1327	2005	5	0	8500-0129	2004	11	0	9601-7004	2009	2	0
071-2311	2003	6	0	7110-1327	2005	6	0	8500-0129	2004	12	0	9601-7004	2009	3	0
071-2311	2003	7	0	7110-1327	2005	7	0	8500-0129	2005	1	0	9601-7022	2001	1	0
071-2311	2003	8	0	7110-1327	2005	8	0	8500-0129	2005	2	0	9601-7022	2001	2	0
071-2311	2003	9	0	7110-1327	2005	9	0	8500-0129	2005	3	0	9601-7022	2001	3	0
071-2311	2003	10	13	7110-1327	2005	10	101	8500-0129	2005	4	0	9601-7022	2001	4	0
071-2311	2003	11	0	7110-1327	2005	11	0	8500-0129	2005	5	0	9601-7022	2001	5	0
071-2311	2003	12	0	7110-1327	2005	12	0	8500-0129	2005	6	0	9601-7022	2001	6	0
071-2311	2004	1	0	7110-1327	2006	1	0	8500-0129	2005	7	0	9601-7022	2001	7	0
071-2311	2004	2	0	7110-1327	2006	2	60	8500-0129	2005	8	0	9601-7022	2001	8	32
071-2311	2004	3	50	7110-1327	2006	3	0	8500-0129	2005	9	0	9601-7022	2001	9	10
071-2311	2004	4	0	7110-1327	2006	4	0	8500-0129	2005	10	10	9601-7022	2001	10	883
071-2311	2004	5	0	7110-1327	2006	5	0	8500-0129	2005	11	0	9601-7022	2001	11	596
071-2311	2004	6	0	7110-1327	2006	6	0	8500-0129	2005	12	0	9601-7022	2001	12	56
071-2311	2004	7	0	7110-1327	2006	7	0	8500-0129	2006	1	0	9601-7022	2002	1	0
071-2311	2004	8	0	7110-1327	2006	8	0	8500-0129	2006	2	51	9601-7022	2002	2	156
071-2311	2004	9	51	7110-1327	2006	9	0	8500-0129	2006	3	0	9601-7022	2002	3	0
071-2311	2004	10	0	7110-1327	2006	10	0	8500-0129	2006	4	0	9601-7022	2002	4	0
071-2311	2004	11	0	7110-1327	2006	11	60	8500-0129	2006	5	0	9601-7022	2002	5	0
071-2311	2004	12	0	7110-1327	2006	12	0	8500-0129	2006	6	0	9601-7022	2002	6	600
071-2311	2005	1	0	7110-1327	2007	1	0	8500-0129	2006	7	0	9601-7022	2002	7	16
071-2311	2005	2	0	7110-1327	2007	2	0	8500-0129	2006	8	0	9601-7022	2002	8	492
071-2311	2005	3	0	7110-1327	2007	3	60	8500-0129	2006	9	0	9601-7022	2002	9	437
071-2311	2005	4	51	7110-1327	2007	4	0	8500-0129	2006	10	60	9601-7022	2002	10	136
071-2311	2005	5	0	7110-1327	2007	5	0	8500-0129	2006	11	0	9601-7022	2002	11	250
071-2311	2005	6	0	7110-1327	2007	6	0	8500-0129	2006	12	0	9601-7022	2002	12	405
071-2311	2005	7	0	7110-1327	2007	7	0	8500-0129	2007	1	40	9601-7022	2003	1	0
071-2311	2005	8	0	7110-1327	2007	8	0	8500-0129	2007	2	0	9601-7022	2003	2	15
071-2311	2005	9	0	7110-1327	2007	9	0	8500-0129	2007	3	0	9601-7022	2003	3	0
071-2311	2005	10	0	7110-1327	2007	10	0	8500-0129	2007	4	0	9601-7022	2003	4	66
071-2311	2005	11	0	7110-1327	2007	11	0	8500-0129	2007	5	20	9601-7022	2003	5	15
071-2311	2005	12	0	7110-1327	2007	12	0	8500-0129	2007	6	0	9601-7022	2003	6	1225
071-2311	2006	1	51	7110-1327	2008	1	0	8500-0129	2007	7	0	9601-7022	2003	7	562
071-2311	2006	2	0	7110-1327	2008	2	0	8500-0129	2007	8	60	9601-7022	2003	8	10
071-2311	2006	3	0	7110-1327	2008	3	147	8500-0129	2007	9	0	9601-7022	2003	9	100
071-2311	2006	4	0	7110-1327	2008	4	0	8500-0129	2007	10	0	9601-7022	2003	10	101
071-2311	2006	5	0	7110-1327	2008	5	0	8500-0129	2007	11	0	9601-7022	2003	11	0
071-2311	2006	6	0	7110-1327	2008	6	0	8500-0129	2007	12	0	9601-7022	2003	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-2311	2006	7	0	7110-1327	2008	7	0	8500-0129	2008	1	40	9601-7022	2004	1	0
071-2311	2006	8	0	7110-1327	2008	8	0	8500-0129	2008	2	0	9601-7022	2004	2	69
071-2311	2006	9	0	7110-1327	2008	9	0	8500-0129	2008	3	0	9601-7022	2004	3	0
071-2311	2006	10	0	7110-1327	2008	10	147	8500-0129	2008	4	51	9601-7022	2004	4	0
071-2311	2006	11	0	7110-1327	2008	11	336	8500-0129	2008	5	0	9601-7022	2004	5	506
071-2311	2006	12	0	7110-1327	2008	12	0	8500-0129	2008	6	0	9601-7022	2004	6	200
071-2311	2007	1	0	7110-1327	2009	1	0	8500-0129	2008	7	0	9601-7022	2004	7	37
071-2311	2007	2	0	7110-1327	2009	2	0	8500-0129	2008	8	0	9601-7022	2004	8	24
071-2311	2007	3	0	7110-1327	2009	3	0	8500-0129	2008	9	51	9601-7022	2004	9	0
071-2311	2007	4	0	7110-2019	1997	1	10	8500-0129	2008	10	0	9601-7022	2004	10	95
071-2311	2007	5	0	7110-2019	1997	2	0	8500-0129	2008	11	0	9601-7022	2004	11	104
071-2311	2007	6	0	7110-2019	1997	3	0	8500-0129	2008	12	0	9601-7022	2004	12	0
071-2311	2007	7	30	7110-2019	1997	4	0	8500-0129	2009	1	0	9601-7022	2005	1	16
071-2311	2007	8	0	7110-2019	1997	5	8	8500-0129	2009	2	0	9601-7022	2005	2	0
071-2311	2007	9	0	7110-2019	1997	6	0	8500-0129	2009	3	0	9601-7022	2005	3	810
071-2311	2007	10	0	7110-2019	1997	7	0	8500-1371-1	1996	1	5	9601-7022	2005	4	0
071-2311	2007	11	0	7110-2019	1997	8	0	8500-1371-1	1996	2	0	9601-7022	2005	5	0
071-2311	2007	12	50	7110-2019	1997	9	0	8500-1371-1	1996	3	0	9601-7022	2005	6	0
071-2311	2008	1	0	7110-2019	1997	10	0	8500-1371-1	1996	4	0	9601-7022	2005	7	0
071-2311	2008	2	51	7110-2019	1997	11	75	8500-1371-1	1996	5	0	9601-7022	2005	8	204
071-2311	2008	3	0	7110-2019	1997	12	0	8500-1371-1	1996	6	0	9601-7022	2005	9	0
071-2311	2008	4	0	7110-2019	1998	1	0	8500-1371-1	1996	7	0	9601-7022	2005	10	0
071-2311	2008	5	0	7110-2019	1998	2	0	8500-1371-1	1996	8	0	9601-7022	2005	11	26
071-2311	2008	6	0	7110-2019	1998	3	0	8500-1371-1	1996	9	0	9601-7022	2005	12	0
071-2311	2008	7	0	7110-2019	1998	4	0	8500-1371-1	1996	10	0	9601-7022	2006	1	0
071-2311	2008	8	0	7110-2019	1998	5	0	8500-1371-1	1996	11	0	9601-7022	2006	2	0
071-2311	2008	9	26	7110-2019	1998	6	0	8500-1371-1	1996	12	0	9601-7022	2006	3	101
071-2311	2008	10	0	7110-2019	1998	7	0	8500-1371-1	1997	1	10	9601-7022	2006	4	92
071-2311	2008	11	0	7110-2019	1998	8	0	8500-1371-1	1997	2	0	9601-7022	2006	5	0
071-2311	2008	12	0	7110-2019	1998	9	0	8500-1371-1	1997	3	0	9601-7022	2006	6	0
071-2311	2009	1	0	7110-2019	1998	10	0	8500-1371-1	1997	4	0	9601-7022	2006	7	51
071-2311	2009	2	0	7110-2019	1998	11	0	8500-1371-1	1997	5	0	9601-7022	2006	8	0
071-2311	2009	3	0	7110-2019	1998	12	63	8500-1371-1	1997	6	0	9601-7022	2006	9	0
071-2312	1996	1	0	7110-2019	1999	1	0	8500-1371-1	1997	7	0	9601-7022	2006	10	0
071-2312	1996	2	0	7110-2019	1999	2	0	8500-1371-1	1997	8	0	9601-7022	2006	11	1127
071-2312	1996	3	0	7110-2019	1999	3	0	8500-1371-1	1997	9	0	9601-7022	2006	12	0
071-2312	1996	4	0	7110-2019	1999	4	3	8500-1371-1	1997	10	2	9601-7022	2007	1	120
071-2312	1996	5	0	7110-2019	1999	5	0	8500-1371-1	1997	11	0	9601-7022	2007	2	3
071-2312	1996	6	0	7110-2019	1999	6	0	8500-1371-1	1997	12	1	9601-7022	2007	3	45
071-2312	1996	7	0	7110-2019	1999	7	0	8500-1371-1	1998	1	0	9601-7022	2007	4	0
071-2312	1996	8	0	7110-2019	1999	8	0	8500-1371-1	1998	2	0	9601-7022	2007	5	0
071-2312	1996	9	0	7110-2019	1999	9	0	8500-1371-1	1998	3	0	9601-7022	2007	6	46
071-2312	1996	10	0	7110-2019	1999	10	40	8500-1371-1	1998	4	0	9601-7022	2007	7	0
071-2312	1996	11	150	7110-2019	1999	11	0	8500-1371-1	1998	5	0	9601-7022	2007	8	0
071-2312	1996	12	0	7110-2019	1999	12	0	8500-1371-1	1998	6	0	9601-7022	2007	9	52

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-2312	1997	1	0	7110-2019	2000	1	1	8500-1371-1	1998	7	0	9601-7022	2007	10	168
071-2312	1997	2	0	7110-2019	2000	2	0	8500-1371-1	1998	8	0	9601-7022	2007	11	164
071-2312	1997	3	0	7110-2019	2000	3	0	8500-1371-1	1998	9	10	9601-7022	2007	12	0
071-2312	1997	4	0	7110-2019	2000	4	25	8500-1371-1	1998	10	2	9601-7022	2008	1	24
071-2312	1997	5	0	7110-2019	2000	5	100	8500-1371-1	1998	11	1	9601-7022	2008	2	200
071-2312	1997	6	0	7110-2019	2000	6	3	8500-1371-1	1998	12	0	9601-7022	2008	3	0
071-2312	1997	7	0	7110-2019	2000	7	0	8500-1371-1	1999	1	0	9601-7022	2008	4	0
071-2312	1997	8	0	7110-2019	2000	8	6	8500-1371-1	1999	2	0	9601-7022	2008	5	346
071-2312	1997	9	0	7110-2019	2000	9	10	8500-1371-1	1999	3	0	9601-7022	2008	6	0
071-2312	1997	10	0	7110-2019	2000	10	111	8500-1371-1	1999	4	0	9601-7022	2008	7	0
071-2312	1997	11	0	7110-2019	2000	11	0	8500-1371-1	1999	5	0	9601-7022	2008	8	3
071-2312	1997	12	0	7110-2019	2000	12	0	8500-1371-1	1999	6	0	9601-7022	2008	9	0
071-2312	1998	1	0	7110-2019	2001	1	0	8500-1371-1	1999	7	0	9601-7022	2008	10	0
071-2312	1998	2	0	7110-2019	2001	2	0	8500-1371-1	1999	8	0	9601-7022	2008	11	861
071-2312	1998	3	0	7110-2019	2001	3	300	8500-1371-1	1999	9	0	9601-7022	2008	12	0
071-2312	1998	4	0	7110-2019	2001	4	0	8500-1371-1	1999	10	0	9601-7022	2009	1	16
071-2312	1998	5	0	7110-2019	2001	5	6	8500-1371-1	1999	11	0	9601-7022	2009	2	0
071-2312	1998	6	0	7110-2019	2001	6	6	8500-1371-1	1999	12	0	9601-7022	2009	3	0
071-2312	1998	7	0	7110-2019	2001	7	24	8500-1371-1	2000	1	0	9601-7801	1998	1	0
071-2312	1998	8	0	7110-2019	2001	8	0	8500-1371-1	2000	2	0	9601-7801	1998	2	0
071-2312	1998	9	0	7110-2019	2001	9	0	8500-1371-1	2000	3	0	9601-7801	1998	3	0
071-2312	1998	10	0	7110-2019	2001	10	0	8500-1371-1	2000	4	0	9601-7801	1998	4	0
071-2312	1998	11	0	7110-2019	2001	11	0	8500-1371-1	2000	5	0	9601-7801	1998	5	34
071-2312	1998	12	0	7110-2019	2001	12	0	8500-1371-1	2000	6	0	9601-7801	1998	6	0
071-2312	1999	1	150	7110-2019	2002	1	0	8500-1371-1	2000	7	0	9601-7801	1998	7	0
071-2312	1999	2	0	7110-2019	2002	2	254	8500-1371-1	2000	8	0	9601-7801	1998	8	10
071-2312	1999	3	0	7110-2019	2002	3	0	8500-1371-1	2000	9	0	9601-7801	1998	9	0
071-2312	1999	4	0	7110-2019	2002	4	0	8500-1371-1	2000	10	0	9601-7801	1998	10	0
071-2312	1999	5	0	7110-2019	2002	5	0	8500-1371-1	2000	11	0	9601-7801	1998	11	0
071-2312	1999	6	0	7110-2019	2002	6	0	8500-1371-1	2000	12	0	9601-7801	1998	12	0
071-2312	1999	7	0	7110-2019	2002	7	0	8500-1371-1	2001	1	0	9601-7801	1999	1	15
071-2312	1999	8	0	7110-2019	2002	8	250	8500-1371-1	2001	2	0	9601-7801	1999	2	0
071-2312	1999	9	0	7110-2019	2002	9	31	8500-1371-1	2001	3	0	9601-7801	1999	3	0
071-2312	1999	10	0	7110-2019	2002	10	10	8500-1371-1	2001	4	0	9601-7801	1999	4	0
071-2312	1999	11	0	7110-2019	2002	11	0	8500-1371-1	2001	5	0	9601-7801	1999	5	0
071-2312	1999	12	0	7110-2019	2002	12	0	8500-1371-1	2001	6	20	9601-7801	1999	6	0
071-2312	2000	1	0	7110-2019	2003	1	0	8500-1371-1	2001	7	0	9601-7801	1999	7	0
071-2312	2000	2	0	7110-2019	2003	2	0	8500-1371-1	2001	8	0	9601-7801	1999	8	0
071-2312	2000	3	0	7110-2019	2003	3	0	8500-1371-1	2001	9	0	9601-7801	1999	9	1
071-2312	2000	4	0	7110-2019	2003	4	100	8500-1371-1	2001	10	0	9601-7801	1999	10	0
071-2312	2000	5	0	7110-2019	2003	5	0	8500-1371-1	2001	11	0	9601-7801	1999	11	0
071-2312	2000	6	0	7110-2019	2003	6	1	8500-1371-1	2001	12	0	9601-7801	1999	12	0
071-2312	2000	7	0	7110-2019	2003	7	0	8500-1371-1	2002	1	20	9601-7801	2000	1	0
071-2312	2000	8	0	7110-2019	2003	8	0	8500-1371-1	2002	2	0	9601-7801	2000	2	0
071-2312	2000	9	0	7110-2019	2003	9	303	8500-1371-1	2002	3	12	9601-7801	2000	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-2312	2000	10	0	7110-2019	2003	10	0	8500-1371-1	2002	4	0	9601-7801	2000	4	0
071-2312	2000	11	0	7110-2019	2003	11	0	8500-1371-1	2002	5	0	9601-7801	2000	5	0
071-2312	2000	12	0	7110-2019	2003	12	0	8500-1371-1	2002	6	0	9601-7801	2000	6	0
071-2312	2001	1	0	7110-2019	2004	1	6	8500-1371-1	2002	7	5	9601-7801	2000	7	0
071-2312	2001	2	0	7110-2019	2004	2	0	8500-1371-1	2002	8	0	9601-7801	2000	8	0
071-2312	2001	3	0	7110-2019	2004	3	12	8500-1371-1	2002	9	0	9601-7801	2000	9	0
071-2312	2001	4	0	7110-2019	2004	4	362	8500-1371-1	2002	10	6	9601-7801	2000	10	0
071-2312	2001	5	0	7110-2019	2004	5	0	8500-1371-1	2002	11	0	9601-7801	2000	11	0
071-2312	2001	6	0	7110-2019	2004	6	0	8500-1371-1	2002	12	0	9601-7801	2000	12	0
071-2312	2001	7	0	7110-2019	2004	7	0	8500-1371-1	2003	1	0	9601-7801	2001	1	0
071-2312	2001	8	0	7110-2019	2004	8	0	8500-1371-1	2003	2	0	9601-7801	2001	2	0
071-2312	2001	9	0	7110-2019	2004	9	300	8500-1371-1	2003	3	0	9601-7801	2001	3	0
071-2312	2001	10	0	7110-2019	2004	10	10	8500-1371-1	2003	4	8	9601-7801	2001	4	0
071-2312	2001	11	0	7110-2019	2004	11	0	8500-1371-1	2003	5	0	9601-7801	2001	5	0
071-2312	2001	12	0	7110-2019	2004	12	5	8500-1371-1	2003	6	44	9601-7801	2001	6	0
071-2312	2002	1	0	7110-2019	2005	1	251	8500-1371-1	2003	7	0	9601-7801	2001	7	0
071-2312	2002	2	0	7110-2019	2005	2	0	8500-1371-1	2003	8	0	9601-7801	2001	8	0
071-2312	2002	3	100	7110-2019	2005	3	0	8500-1371-1	2003	9	0	9601-7801	2001	9	0
071-2312	2002	4	0	7110-2019	2005	4	6	8500-1371-1	2003	10	0	9601-7801	2001	10	0
071-2312	2002	5	0	7110-2019	2005	5	0	8500-1371-1	2003	11	0	9601-7801	2001	11	0
071-2312	2002	6	0	7110-2019	2005	6	0	8500-1371-1	2003	12	0	9601-7801	2001	12	0
071-2312	2002	7	0	7110-2019	2005	7	102	8500-1371-1	2004	1	0	9601-7801	2002	1	0
071-2312	2002	8	0	7110-2019	2005	8	0	8500-1371-1	2004	2	0	9601-7801	2002	2	0
071-2312	2002	9	0	7110-2019	2005	9	20	8500-1371-1	2004	3	0	9601-7801	2002	3	0
071-2312	2002	10	0	7110-2019	2005	10	300	8500-1371-1	2004	4	0	9601-7801	2002	4	0
071-2312	2002	11	0	7110-2019	2005	11	251	8500-1371-1	2004	5	0	9601-7801	2002	5	0
071-2312	2002	12	0	7110-2019	2005	12	6	8500-1371-1	2004	6	12	9601-7801	2002	6	0
071-2312	2003	1	0	7110-2019	2006	1	0	8500-1371-1	2004	7	0	9601-7801	2002	7	0
071-2312	2003	2	0	7110-2019	2006	2	0	8500-1371-1	2004	8	0	9601-7801	2002	8	0
071-2312	2003	3	0	7110-2019	2006	3	25	8500-1371-1	2004	9	0	9601-7801	2002	9	0
071-2312	2003	4	0	7110-2019	2006	4	150	8500-1371-1	2004	10	12	9601-7801	2002	10	0
071-2312	2003	5	0	7110-2019	2006	5	10	8500-1371-1	2004	11	0	9601-7801	2002	11	0
071-2312	2003	6	0	7110-2019	2006	6	0	8500-1371-1	2004	12	12	9601-7801	2002	12	0
071-2312	2003	7	0	7110-2019	2006	7	0	8500-1371-1	2005	1	0	9601-7801	2003	1	0
071-2312	2003	8	0	7110-2019	2006	8	0	8500-1371-1	2005	2	0	9601-7801	2003	2	0
071-2312	2003	9	0	7110-2019	2006	9	3	8500-1371-1	2005	3	0	9601-7801	2003	3	0
071-2312	2003	10	0	7110-2019	2006	10	460	8500-1371-1	2005	4	0	9601-7801	2003	4	0
071-2312	2003	11	35	7110-2019	2006	11	12	8500-1371-1	2005	5	0	9601-7801	2003	5	0
071-2312	2003	12	0	7110-2019	2006	12	10	8500-1371-1	2005	6	0	9601-7801	2003	6	0
071-2312	2004	1	0	7110-2019	2007	1	251	8500-1371-1	2005	7	0	9601-7801	2003	7	0
071-2312	2004	2	0	7110-2019	2007	2	24	8500-1371-1	2005	8	0	9601-7801	2003	8	0
071-2312	2004	3	0	7110-2019	2007	3	0	8500-1371-1	2005	9	0	9601-7801	2003	9	0
071-2312	2004	4	0	7110-2019	2007	4	2	8500-1371-1	2005	10	0	9601-7801	2003	10	0
071-2312	2004	5	0	7110-2019	2007	5	135	8500-1371-1	2005	11	0	9601-7801	2003	11	0
071-2312	2004	6	0	7110-2019	2007	6	0	8500-1371-1	2005	12	0	9601-7801	2003	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-2312	2004	7	0	7110-2019	2007	7	0	8500-1371-1	2006	1	0	9601-7801	2004	1	0
071-2312	2004	8	30	7110-2019	2007	8	0	8500-1371-1	2006	2	0	9601-7801	2004	2	0
071-2312	2004	9	0	7110-2019	2007	9	6	8500-1371-1	2006	3	0	9601-7801	2004	3	0
071-2312	2004	10	0	7110-2019	2007	10	253	8500-1371-1	2006	4	0	9601-7801	2004	4	0
071-2312	2004	11	0	7110-2019	2007	11	0	8500-1371-1	2006	5	0	9601-7801	2004	5	0
071-2312	2004	12	0	7110-2019	2007	12	0	8500-1371-1	2006	6	0	9601-7801	2004	6	0
071-2312	2005	1	0	7110-2019	2008	1	0	8500-1371-1	2006	7	0	9601-7801	2004	7	0
071-2312	2005	2	26	7110-2019	2008	2	0	8500-1371-1	2006	8	0	9601-7801	2004	8	0
071-2312	2005	3	0	7110-2019	2008	3	0	8500-1371-1	2006	9	0	9601-7801	2004	9	0
071-2312	2005	4	0	7110-2019	2008	4	302	8500-1371-1	2006	10	0	9601-7801	2004	10	0
071-2312	2005	5	0	7110-2019	2008	5	0	8500-1371-1	2006	11	0	9601-7801	2004	11	0
071-2312	2005	6	0	7110-2019	2008	6	0	8500-1371-1	2006	12	0	9601-7801	2004	12	0
071-2312	2005	7	0	7110-2019	2008	7	0	8500-1371-1	2007	1	0	9601-7801	2005	1	0
071-2312	2005	8	0	7110-2019	2008	8	0	8500-1371-1	2007	2	0	9601-7801	2005	2	0
071-2312	2005	9	0	7110-2019	2008	9	0	8500-1371-1	2007	3	0	9601-7801	2005	3	0
071-2312	2005	10	0	7110-2019	2008	10	279	8500-1371-1	2007	4	0	9601-7801	2005	4	0
071-2312	2005	11	0	7110-2019	2008	11	0	8500-1371-1	2007	5	0	9601-7801	2005	5	0
071-2312	2005	12	0	7110-2019	2008	12	0	8500-1371-1	2007	6	0	9601-7801	2005	6	0
071-2312	2006	1	0	7110-2019	2009	1	0	8500-1371-1	2007	7	0	9601-7801	2005	7	0
071-2312	2006	2	0	7110-2019	2009	2	0	8500-1371-1	2007	8	0	9601-7801	2005	8	0
071-2312	2006	3	0	7110-2019	2009	3	0	8500-1371-1	2007	9	0	9601-7801	2005	9	0
071-2312	2006	4	0	7110-2045	1997	1	330	8500-1371-1	2007	10	10	9601-7801	2005	10	0
071-2312	2006	5	0	7110-2045	1997	2	0	8500-1371-1	2007	11	0	9601-7801	2005	11	0
071-2312	2006	6	0	7110-2045	1997	3	0	8500-1371-1	2007	12	0	9601-7801	2005	12	0
071-2312	2006	7	0	7110-2045	1997	4	0	8500-1371-1	2008	1	0	9601-7801	2006	1	0
071-2312	2006	8	0	7110-2045	1997	5	0	8500-1371-1	2008	2	0	9601-7801	2006	2	0
071-2312	2006	9	0	7110-2045	1997	6	500	8500-1371-1	2008	3	0	9601-7801	2006	3	0
071-2312	2006	10	0	7110-2045	1997	7	100	8500-1371-1	2008	4	0	9601-7801	2006	4	0
071-2312	2006	11	0	7110-2045	1997	8	0	8500-1371-1	2008	5	6	9601-7801	2006	5	6
071-2312	2006	12	0	7110-2045	1997	9	0	8500-1371-1	2008	6	0	9601-7801	2006	6	0
071-2312	2007	1	0	7110-2045	1997	10	500	8500-1371-1	2008	7	0	9601-7801	2006	7	0
071-2312	2007	2	0	7110-2045	1997	11	0	8500-1371-1	2008	8	0	9601-7801	2006	8	0
071-2312	2007	3	0	7110-2045	1997	12	0	8500-1371-1	2008	9	0	9601-7801	2006	9	30
071-2312	2007	4	0	7110-2045	1998	1	0	8500-1371-1	2008	10	0	9601-7801	2006	10	0
071-2312	2007	5	0	7110-2045	1998	2	0	8500-1371-1	2008	11	0	9601-7801	2006	11	0
071-2312	2007	6	0	7110-2045	1998	3	0	8500-1371-1	2008	12	0	9601-7801	2006	12	10
071-2312	2007	7	0	7110-2045	1998	4	400	8500-1371-1	2009	1	0	9601-7801	2007	1	0
071-2312	2007	8	0	7110-2045	1998	5	0	8500-1371-1	2009	2	0	9601-7801	2007	2	0
071-2312	2007	9	0	7110-2045	1998	6	0	8500-1371-1	2009	3	0	9601-7801	2007	3	10
071-2312	2007	10	0	7110-2045	1998	7	4150	8500-2211	1995	1	0	9601-7801	2007	4	0
071-2312	2007	11	0	7110-2045	1998	8	0	8500-2211	1995	2	0	9601-7801	2007	5	1
071-2312	2007	12	60	7110-2045	1998	9	150	8500-2211	1995	3	0	9601-7801	2007	6	0
071-2312	2008	1	0	7110-2045	1998	10	50	8500-2211	1995	4	0	9601-7801	2007	7	24
071-2312	2008	2	0	7110-2045	1998	11	0	8500-2211	1995	5	0	9601-7801	2007	8	0
071-2312	2008	3	75	7110-2045	1998	12	100	8500-2211	1995	6	0	9601-7801	2007	9	1

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-3233	1997	1	0	7110-2045	1999	1	2500	8500-2211	1995	7	0	9601-7801	2007	10	0
071-3233	1997	2	0	7110-2045	1999	2	0	8500-2211	1995	8	25	9601-7801	2007	11	0
071-3233	1997	3	0	7110-2045	1999	3	100	8500-2211	1995	9	0	9601-7801	2007	12	0
071-3233	1997	4	0	7110-2045	1999	4	100	8500-2211	1995	10	0	9601-7801	2008	1	0
071-3233	1997	5	0	7110-2045	1999	5	0	8500-2211	1995	11	0	9601-7801	2008	2	0
071-3233	1997	6	0	7110-2045	1999	6	0	8500-2211	1995	12	0	9601-7801	2008	3	0
071-3233	1997	7	0	7110-2045	1999	7	25	8500-2211	1996	1	0	9601-7801	2008	4	0
071-3233	1997	8	100	7110-2045	1999	8	6400	8500-2211	1996	2	0	9601-7801	2008	5	0
071-3233	1997	9	2	7110-2045	1999	9	50	8500-2211	1996	3	0	9601-7801	2008	6	0
071-3233	1997	10	0	7110-2045	1999	10	0	8500-2211	1996	4	12	9601-7801	2008	7	0
071-3233	1997	11	0	7110-2045	1999	11	90	8500-2211	1996	5	0	9601-7801	2008	8	0
071-3233	1997	12	0	7110-2045	1999	12	125	8500-2211	1996	6	0	9601-7801	2008	9	0
071-3233	1998	1	0	7110-2045	2000	1	100	8500-2211	1996	7	0	9601-7801	2008	10	0
071-3233	1998	2	0	7110-2045	2000	2	50	8500-2211	1996	8	0	9601-7801	2008	11	0
071-3233	1998	3	6	7110-2045	2000	3	140	8500-2211	1996	9	70	9601-7801	2008	12	0
071-3233	1998	4	0	7110-2045	2000	4	250	8500-2211	1996	10	0	9601-7801	2009	1	0
071-3233	1998	5	0	7110-2045	2000	5	0	8500-2211	1996	11	0	9601-7801	2009	2	0
071-3233	1998	6	0	7110-2045	2000	6	0	8500-2211	1996	12	0	9601-7801	2009	3	0
071-3233	1998	7	0	7110-2045	2000	7	0	8500-2211	1997	1	0	961-0104	1995	1	0
071-3233	1998	8	0	7110-2045	2000	8	200	8500-2211	1997	2	0	961-0104	1995	2	50
071-3233	1998	9	0	7110-2045	2000	9	0	8500-2211	1997	3	10	961-0104	1995	3	0
071-3233	1998	10	5	7110-2045	2000	10	2100	8500-2211	1997	4	0	961-0104	1995	4	0
071-3233	1998	11	0	7110-2045	2000	11	100	8500-2211	1997	5	10	961-0104	1995	5	0
071-3233	1998	12	0	7110-2045	2000	12	500	8500-2211	1997	6	0	961-0104	1995	6	0
071-3233	1999	1	0	7110-2045	2001	1	120	8500-2211	1997	7	0	961-0104	1995	7	0
071-3233	1999	2	0	7110-2045	2001	2	5216	8500-2211	1997	8	0	961-0104	1995	8	0
071-3233	1999	3	30	7110-2045	2001	3	0	8500-2211	1997	9	125	961-0104	1995	9	0
071-3233	1999	4	0	7110-2045	2001	4	25	8500-2211	1997	10	0	961-0104	1995	10	0
071-3233	1999	5	0	7110-2045	2001	5	300	8500-2211	1997	11	0	961-0104	1995	11	0
071-3233	1999	6	25	7110-2045	2001	6	306	8500-2211	1997	12	0	961-0104	1995	12	2
071-3233	1999	7	0	7110-2045	2001	7	0	8500-2211	1998	1	0	961-0104	1996	1	0
071-3233	1999	8	700	7110-2045	2001	8	3000	8500-2211	1998	2	0	961-0104	1996	2	0
071-3233	1999	9	20	7110-2045	2001	9	0	8500-2211	1998	3	0	961-0104	1996	3	0
071-3233	1999	10	0	7110-2045	2001	10	100	8500-2211	1998	4	0	961-0104	1996	4	0
071-3233	1999	11	0	7110-2045	2001	11	27	8500-2211	1998	5	0	961-0104	1996	5	59
071-3233	1999	12	0	7110-2045	2001	12	0	8500-2211	1998	6	0	961-0104	1996	6	70
071-3233	2000	1	0	7110-2045	2002	1	100	8500-2211	1998	7	0	961-0104	1996	7	30
071-3233	2000	2	0	7110-2045	2002	2	2590	8500-2211	1998	8	0	961-0104	1996	8	0
071-3233	2000	3	0	7110-2045	2002	3	20	8500-2211	1998	9	12	961-0104	1996	9	0
071-3233	2000	4	5	7110-2045	2002	4	0	8500-2211	1998	10	15	961-0104	1996	10	50
071-3233	2000	5	0	7110-2045	2002	5	60	8500-2211	1998	11	21	961-0104	1996	11	0
071-3233	2000	6	10	7110-2045	2002	6	4200	8500-2211	1998	12	0	961-0104	1996	12	30
071-3233	2000	7	0	7110-2045	2002	7	0	8500-2211	1999	1	0	961-0104	1997	1	0
071-3233	2000	8	0	7110-2045	2002	8	225	8500-2211	1999	2	25	961-0104	1997	2	10
071-3233	2000	9	0	7110-2045	2002	9	3000	8500-2211	1999	3	0	961-0104	1997	3	25

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-3233	2000	10	0	7110-2045	2002	10	400	8500-2211	1999	4	0	961-0104	1997	4	25
071-3233	2000	11	0	7110-2045	2002	11	0	8500-2211	1999	5	0	961-0104	1997	5	0
071-3233	2000	12	0	7110-2045	2002	12	0	8500-2211	1999	6	50	961-0104	1997	6	23
071-3233	2001	1	0	7110-2045	2003	1	5050	8500-2211	1999	7	0	961-0104	1997	7	25
071-3233	2001	2	50	7110-2045	2003	2	314	8500-2211	1999	8	0	961-0104	1997	8	5
071-3233	2001	3	0	7110-2045	2003	3	0	8500-2211	1999	9	50	961-0104	1997	9	7
071-3233	2001	4	0	7110-2045	2003	4	18	8500-2211	1999	10	0	961-0104	1997	10	80
071-3233	2001	5	0	7110-2045	2003	5	2	8500-2211	1999	11	70	961-0104	1997	11	0
071-3233	2001	6	150	7110-2045	2003	6	0	8500-2211	1999	12	0	961-0104	1997	12	80
071-3233	2001	7	0	7110-2045	2003	7	50	8500-2211	2000	1	0	961-0104	1998	1	40
071-3233	2001	8	0	7110-2045	2003	8	200	8500-2211	2000	2	50	961-0104	1998	2	0
071-3233	2001	9	12	7110-2045	2003	9	90	8500-2211	2000	3	0	961-0104	1998	3	0
071-3233	2001	10	271	7110-2045	2003	10	0	8500-2211	2000	4	0	961-0104	1998	4	0
071-3233	2001	11	0	7110-2045	2003	11	202	8500-2211	2000	5	0	961-0104	1998	5	0
071-3233	2001	12	50	7110-2045	2003	12	100	8500-2211	2000	6	30	961-0104	1998	6	0
071-3233	2002	1	0	7110-2045	2004	1	0	8500-2211	2000	7	0	961-0104	1998	7	0
071-3233	2002	2	6	7110-2045	2004	2	25	8500-2211	2000	8	0	961-0104	1998	8	0
071-3233	2002	3	34	7110-2045	2004	3	0	8500-2211	2000	9	0	961-0104	1998	9	0
071-3233	2002	4	350	7110-2045	2004	4	950	8500-2211	2000	10	0	961-0104	1998	10	3
071-3233	2002	5	30	7110-2045	2004	5	5000	8500-2211	2000	11	20	961-0104	1998	11	7
071-3233	2002	6	0	7110-2045	2004	6	0	8500-2211	2000	12	100	961-0104	1998	12	10
071-3233	2002	7	45	7110-2045	2004	7	150	8500-2211	2001	1	36	961-0104	1999	1	50
071-3233	2002	8	500	7110-2045	2004	8	3000	8500-2211	2001	2	50	961-0104	1999	2	0
071-3233	2002	9	40	7110-2045	2004	9	0	8500-2211	2001	3	100	961-0104	1999	3	30
071-3233	2002	10	538	7110-2045	2004	10	175	8500-2211	2001	4	80	961-0104	1999	4	2
071-3233	2002	11	0	7110-2045	2004	11	0	8500-2211	2001	5	0	961-0104	1999	5	11
071-3233	2002	12	0	7110-2045	2004	12	2500	8500-2211	2001	6	0	961-0104	1999	6	0
071-3233	2003	1	0	7110-2045	2005	1	0	8500-2211	2001	7	0	961-0104	1999	7	100
071-3233	2003	2	20	7110-2045	2005	2	0	8500-2211	2001	8	0	961-0104	1999	8	30
071-3233	2003	3	63	7110-2045	2005	3	5	8500-2211	2001	9	0	961-0104	1999	9	80
071-3233	2003	4	24	7110-2045	2005	4	3425	8500-2211	2001	10	175	961-0104	1999	10	60
071-3233	2003	5	75	7110-2045	2005	5	0	8500-2211	2001	11	0	961-0104	1999	11	0
071-3233	2003	6	40	7110-2045	2005	6	0	8500-2211	2001	12	0	961-0104	1999	12	30
071-3233	2003	7	0	7110-2045	2005	7	0	8500-2211	2002	1	0	961-0104	2000	1	30
071-3233	2003	8	40	7110-2045	2005	8	3576	8500-2211	2002	2	0	961-0104	2000	2	0
071-3233	2003	9	31	7110-2045	2005	9	0	8500-2211	2002	3	0	961-0104	2000	3	5
071-3233	2003	10	245	7110-2045	2005	10	3300	8500-2211	2002	4	150	961-0104	2000	4	0
071-3233	2003	11	44	7110-2045	2005	11	0	8500-2211	2002	5	0	961-0104	2000	5	0
071-3233	2003	12	0	7110-2045	2005	12	0	8500-2211	2002	6	24	961-0104	2000	6	0
071-3233	2004	1	0	7110-2045	2006	1	200	8500-2211	2002	7	0	961-0104	2000	7	0
071-3233	2004	2	65	7110-2045	2006	2	0	8500-2211	2002	8	0	961-0104	2000	8	30
071-3233	2004	3	5	7110-2045	2006	3	250	8500-2211	2002	9	50	961-0104	2000	9	5
071-3233	2004	4	100	7110-2045	2006	4	4000	8500-2211	2002	10	260	961-0104	2000	10	0
071-3233	2004	5	600	7110-2045	2006	5	0	8500-2211	2002	11	0	961-0104	2000	11	0
071-3233	2004	6	0	7110-2045	2006	6	0	8500-2211	2002	12	0	961-0104	2000	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-3233	2004	7	51	7110-2045	2006	7	0	8500-2211	2003	1	12	961-0104	2001	1	30
071-3233	2004	8	600	7110-2045	2006	8	0	8500-2211	2003	2	0	961-0104	2001	2	50
071-3233	2004	9	26	7110-2045	2006	9	560	8500-2211	2003	3	125	961-0104	2001	3	0
071-3233	2004	10	0	7110-2045	2006	10	0	8500-2211	2003	4	250	961-0104	2001	4	0
071-3233	2004	11	10	7110-2045	2006	11	1350	8500-2211	2003	5	0	961-0104	2001	5	0
071-3233	2004	12	901	7110-2045	2006	12	0	8500-2211	2003	6	15	961-0104	2001	6	251
071-3233	2005	1	0	7110-2045	2007	1	3285	8500-2211	2003	7	0	961-0104	2001	7	38
071-3233	2005	2	60	7110-2045	2007	2	100	8500-2211	2003	8	0	961-0104	2001	8	0
071-3233	2005	3	5	7110-2045	2007	3	1000	8500-2211	2003	9	0	961-0104	2001	9	296
071-3233	2005	4	40	7110-2045	2007	4	3000	8500-2211	2003	10	0	961-0104	2001	10	0
071-3233	2005	5	20	7110-2045	2007	5	0	8500-2211	2003	11	0	961-0104	2001	11	0
071-3233	2005	6	0	7110-2045	2007	6	0	8500-2211	2003	12	135	961-0104	2001	12	0
071-3233	2005	7	0	7110-2045	2007	7	0	8500-2211	2004	1	0	961-0104	2002	1	0
071-3233	2005	8	940	7110-2045	2007	8	50	8500-2211	2004	2	0	961-0104	2002	2	30
071-3233	2005	9	0	7110-2045	2007	9	4000	8500-2211	2004	3	240	961-0104	2002	3	0
071-3233	2005	10	5	7110-2045	2007	10	0	8500-2211	2004	4	0	961-0104	2002	4	148
071-3233	2005	11	0	7110-2045	2007	11	0	8500-2211	2004	5	0	961-0104	2002	5	0
071-3233	2005	12	10	7110-2045	2007	12	0	8500-2211	2004	6	0	961-0104	2002	6	35
071-3233	2006	1	65	7110-2045	2008	1	0	8500-2211	2004	7	0	961-0104	2002	7	20
071-3233	2006	2	0	7110-2045	2008	2	4000	8500-2211	2004	8	325	961-0104	2002	8	2
071-3233	2006	3	12	7110-2045	2008	3	0	8500-2211	2004	9	0	961-0104	2002	9	0
071-3233	2006	4	50	7110-2045	2008	4	0	8500-2211	2004	10	0	961-0104	2002	10	22
071-3233	2006	5	90	7110-2045	2008	5	25	8500-2211	2004	11	0	961-0104	2002	11	0
071-3233	2006	6	0	7110-2045	2008	6	260	8500-2211	2004	12	0	961-0104	2002	12	0
071-3233	2006	7	40	7110-2045	2008	7	0	8500-2211	2005	1	0	961-0104	2003	1	0
071-3233	2006	8	19	7110-2045	2008	8	100	8500-2211	2005	2	160	961-0104	2003	2	0
071-3233	2006	9	0	7110-2045	2008	9	2000	8500-2211	2005	3	0	961-0104	2003	3	30
071-3233	2006	10	0	7110-2045	2008	10	0	8500-2211	2005	4	0	961-0104	2003	4	0
071-3233	2006	11	40	7110-2045	2008	11	4350	8500-2211	2005	5	26	961-0104	2003	5	0
071-3233	2006	12	0	7110-2045	2008	12	0	8500-2211	2005	6	120	961-0104	2003	6	0
071-3233	2007	1	840	7110-2045	2009	1	0	8500-2211	2005	7	26	961-0104	2003	7	25
071-3233	2007	2	60	7110-2045	2009	2	0	8500-2211	2005	8	101	961-0104	2003	8	0
071-3233	2007	3	0	7110-2045	2009	3	0	8500-2211	2005	9	0	961-0104	2003	9	40
071-3233	2007	4	50	7110-7005	1996	1	0	8500-2211	2005	10	500	961-0104	2003	10	0
071-3233	2007	5	44	7110-7005	1996	2	0	8500-2211	2005	11	0	961-0104	2003	11	0
071-3233	2007	6	251	7110-7005	1996	3	0	8500-2211	2005	12	75	961-0104	2003	12	0
071-3233	2007	7	0	7110-7005	1996	4	0	8500-2211	2006	1	0	961-0104	2004	1	0
071-3233	2007	8	0	7110-7005	1996	5	0	8500-2211	2006	2	6	961-0104	2004	2	0
071-3233	2007	9	0	7110-7005	1996	6	0	8500-2211	2006	3	0	961-0104	2004	3	0
071-3233	2007	10	0	7110-7005	1996	7	0	8500-2211	2006	4	0	961-0104	2004	4	0
071-3233	2007	11	6	7110-7005	1996	8	0	8500-2211	2006	5	0	961-0104	2004	5	0
071-3233	2007	12	50	7110-7005	1996	9	10	8500-2211	2006	6	101	961-0104	2004	6	40
071-3233	2008	1	0	7110-7005	1996	10	0	8500-2211	2006	7	0	961-0104	2004	7	0
071-3233	2008	2	0	7110-7005	1996	11	0	8500-2211	2006	8	0	961-0104	2004	8	0
071-3233	2008	3	0	7110-7005	1996	12	38	8500-2211	2006	9	0	961-0104	2004	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-3233	2008	4	75	7110-7005	1997	1	0	8500-2211	2006	10	0	961-0104	2004	10	0
071-3233	2008	5	101	7110-7005	1997	2	50	8500-2211	2006	11	315	961-0104	2004	11	30
071-3233	2008	6	300	7110-7005	1997	3	0	8500-2211	2006	12	0	961-0104	2004	12	0
071-3233	2008	7	0	7110-7005	1997	4	0	8500-2211	2007	1	0	961-0104	2005	1	50
071-3233	2008	8	6	7110-7005	1997	5	10	8500-2211	2007	2	0	961-0104	2005	2	400
071-3233	2008	9	0	7110-7005	1997	6	0	8500-2211	2007	3	251	961-0104	2005	3	0
071-3233	2008	10	0	7110-7005	1997	7	0	8500-2211	2007	4	0	961-0104	2005	4	0
071-3233	2008	11	85	7110-7005	1997	8	0	8500-2211	2007	5	13	961-0104	2005	5	0
071-3233	2008	12	60	7110-7005	1997	9	0	8500-2211	2007	6	251	961-0104	2005	6	900
071-3233	2009	1	55	7110-7005	1997	10	0	8500-2211	2007	7	0	961-0104	2005	7	0
071-3233	2009	2	0	7110-7005	1997	11	0	8500-2211	2007	8	25	961-0104	2005	8	0
071-3233	2009	3	0	7110-7005	1997	12	0	8500-2211	2007	9	231	961-0104	2005	9	0
071-7016	1997	1	0	7110-7005	1998	1	0	8500-2211	2007	10	330	961-0104	2005	10	0
071-7016	1997	2	0	7110-7005	1998	2	0	8500-2211	2007	11	100	961-0104	2005	11	0
071-7016	1997	3	0	7110-7005	1998	3	0	8500-2211	2007	12	0	961-0104	2005	12	0
071-7016	1997	4	0	7110-7005	1998	4	0	8500-2211	2008	1	24	961-0104	2006	1	0
071-7016	1997	5	0	7110-7005	1998	5	0	8500-2211	2008	2	330	961-0104	2006	2	0
071-7016	1997	6	113	7110-7005	1998	6	0	8500-2211	2008	3	0	961-0104	2006	3	0
071-7016	1997	7	0	7110-7005	1998	7	0	8500-2211	2008	4	50	961-0104	2006	4	30
071-7016	1997	8	0	7110-7005	1998	8	0	8500-2211	2008	5	0	961-0104	2006	5	0
071-7016	1997	9	0	7110-7005	1998	9	1	8500-2211	2008	6	0	961-0104	2006	6	0
071-7016	1997	10	0	7110-7005	1998	10	0	8500-2211	2008	7	0	961-0104	2006	7	0
071-7016	1997	11	30	7110-7005	1998	11	0	8500-2211	2008	8	0	961-0104	2006	8	0
071-7016	1997	12	5	7110-7005	1998	12	0	8500-2211	2008	9	257	961-0104	2006	9	0
071-7016	1998	1	0	7110-7005	1999	1	35	8500-2211	2008	10	0	961-0104	2006	10	0
071-7016	1998	2	0	7110-7005	1999	2	0	8500-2211	2008	11	26	961-0104	2006	11	0
071-7016	1998	3	0	7110-7005	1999	3	0	8500-2211	2008	12	0	961-0104	2006	12	0
071-7016	1998	4	0	7110-7005	1999	4	0	8500-2211	2009	1	0	961-0104	2007	1	0
071-7016	1998	5	0	7110-7005	1999	5	0	8500-2211	2009	2	0	961-0104	2007	2	0
071-7016	1998	6	0	7110-7005	1999	6	0	8500-2211	2009	3	0	961-0104	2007	3	0
071-7016	1998	7	0	7110-7005	1999	7	3	8500-7805	1995	1	0	961-0104	2007	4	0
071-7016	1998	8	0	7110-7005	1999	8	0	8500-7805	1995	2	30	961-0104	2007	5	0
071-7016	1998	9	0	7110-7005	1999	9	2	8500-7805	1995	3	0	961-0104	2007	6	0
071-7016	1998	10	0	7110-7005	1999	10	0	8500-7805	1995	4	0	961-0104	2007	7	260
071-7016	1998	11	0	7110-7005	1999	11	0	8500-7805	1995	5	10	961-0104	2007	8	0
071-7016	1998	12	0	7110-7005	1999	12	0	8500-7805	1995	6	0	961-0104	2007	9	0
071-7016	1999	1	50	7110-7005	2000	1	15	8500-7805	1995	7	0	961-0104	2007	10	0
071-7016	1999	2	0	7110-7005	2000	2	0	8500-7805	1995	8	0	961-0104	2007	11	0
071-7016	1999	3	0	7110-7005	2000	3	0	8500-7805	1995	9	0	961-0104	2007	12	4
071-7016	1999	4	0	7110-7005	2000	4	1	8500-7805	1995	10	4	961-0104	2008	1	0
071-7016	1999	5	0	7110-7005	2000	5	0	8500-7805	1995	11	20	961-0104	2008	2	0
071-7016	1999	6	0	7110-7005	2000	6	0	8500-7805	1995	12	11	961-0104	2008	3	0
071-7016	1999	7	0	7110-7005	2000	7	0	8500-7805	1996	1	0	961-0104	2008	4	0
071-7016	1999	8	0	7110-7005	2000	8	5	8500-7805	1996	2	2	961-0104	2008	5	0
071-7016	1999	9	0	7110-7005	2000	9	0	8500-7805	1996	3	0	961-0104	2008	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-7016	1999	10	0	7110-7005	2000	10	0	8500-7805	1996	4	1	961-0104	2008	7	0
071-7016	1999	11	0	7110-7005	2000	11	0	8500-7805	1996	5	0	961-0104	2008	8	0
071-7016	1999	12	0	7110-7005	2000	12	0	8500-7805	1996	6	0	961-0104	2008	9	0
071-7016	2000	1	25	7110-7005	2001	1	0	8500-7805	1996	7	0	961-0104	2008	10	0
071-7016	2000	2	0	7110-7005	2001	2	9	8500-7805	1996	8	0	961-0104	2008	11	0
071-7016	2000	3	0	7110-7005	2001	3	0	8500-7805	1996	9	0	961-0104	2008	12	0
071-7016	2000	4	0	7110-7005	2001	4	0	8500-7805	1996	10	6	961-0104	2009	1	0
071-7016	2000	5	0	7110-7005	2001	5	3	8500-7805	1996	11	1	961-0104	2009	2	0
071-7016	2000	6	0	7110-7005	2001	6	0	8500-7805	1996	12	10	961-0104	2009	3	0
071-7016	2000	7	0	7110-7005	2001	7	0	8500-7805	1997	1	0	964-2040-7	1995	1	0
071-7016	2000	8	15	7110-7005	2001	8	11	8500-7805	1997	2	0	964-2040-7	1995	2	200
071-7016	2000	9	0	7110-7005	2001	9	0	8500-7805	1997	3	0	964-2040-7	1995	3	0
071-7016	2000	10	0	7110-7005	2001	10	4	8500-7805	1997	4	0	964-2040-7	1995	4	0
071-7016	2000	11	0	7110-7005	2001	11	20	8500-7805	1997	5	0	964-2040-7	1995	5	0
071-7016	2000	12	0	7110-7005	2001	12	0	8500-7805	1997	6	2	964-2040-7	1995	6	0
071-7016	2001	1	0	7110-7005	2002	1	0	8500-7805	1997	7	1	964-2040-7	1995	7	0
071-7016	2001	2	0	7110-7005	2002	2	0	8500-7805	1997	8	0	964-2040-7	1995	8	0
071-7016	2001	3	0	7110-7005	2002	3	0	8500-7805	1997	9	0	964-2040-7	1995	9	0
071-7016	2001	4	0	7110-7005	2002	4	1	8500-7805	1997	10	0	964-2040-7	1995	10	0
071-7016	2001	5	0	7110-7005	2002	5	14	8500-7805	1997	11	0	964-2040-7	1995	11	0
071-7016	2001	6	0	7110-7005	2002	6	0	8500-7805	1997	12	0	964-2040-7	1995	12	200
071-7016	2001	7	0	7110-7005	2002	7	0	8500-7805	1998	1	8	964-2040-7	1996	1	0
071-7016	2001	8	15	7110-7005	2002	8	0	8500-7805	1998	2	0	964-2040-7	1996	2	0
071-7016	2001	9	0	7110-7005	2002	9	20	8500-7805	1998	3	0	964-2040-7	1996	3	0
071-7016	2001	10	0	7110-7005	2002	10	0	8500-7805	1998	4	0	964-2040-7	1996	4	0
071-7016	2001	11	0	7110-7005	2002	11	0	8500-7805	1998	5	0	964-2040-7	1996	5	0
071-7016	2001	12	5	7110-7005	2002	12	0	8500-7805	1998	6	52	964-2040-7	1996	6	0
071-7016	2002	1	0	7110-7005	2003	1	0	8500-7805	1998	7	0	964-2040-7	1996	7	200
071-7016	2002	2	0	7110-7005	2003	2	0	8500-7805	1998	8	0	964-2040-7	1996	8	0
071-7016	2002	3	0	7110-7005	2003	3	0	8500-7805	1998	9	4	964-2040-7	1996	9	0
071-7016	2002	4	0	7110-7005	2003	4	15	8500-7805	1998	10	1	964-2040-7	1996	10	0
071-7016	2002	5	0	7110-7005	2003	5	17	8500-7805	1998	11	0	964-2040-7	1996	11	0
071-7016	2002	6	0	7110-7005	2003	6	10	8500-7805	1998	12	0	964-2040-7	1996	12	0
071-7016	2002	7	0	7110-7005	2003	7	0	8500-7805	1999	1	0	964-2040-7	1997	1	200
071-7016	2002	8	0	7110-7005	2003	8	0	8500-7805	1999	2	2	964-2040-7	1997	2	0
071-7016	2002	9	0	7110-7005	2003	9	0	8500-7805	1999	3	0	964-2040-7	1997	3	0
071-7016	2002	10	0	7110-7005	2003	10	0	8500-7805	1999	4	0	964-2040-7	1997	4	0
071-7016	2002	11	0	7110-7005	2003	11	3	8500-7805	1999	5	9	964-2040-7	1997	5	100
071-7016	2002	12	0	7110-7005	2003	12	0	8500-7805	1999	6	0	964-2040-7	1997	6	0
071-7016	2003	1	0	7110-7005	2004	1	0	8500-7805	1999	7	0	964-2040-7	1997	7	0
071-7016	2003	2	0	7110-7005	2004	2	0	8500-7805	1999	8	0	964-2040-7	1997	8	0
071-7016	2003	3	0	7110-7005	2004	3	0	8500-7805	1999	9	18	964-2040-7	1997	9	0
071-7016	2003	4	0	7110-7005	2004	4	0	8500-7805	1999	10	0	964-2040-7	1997	10	0
071-7016	2003	5	0	7110-7005	2004	5	0	8500-7805	1999	11	0	964-2040-7	1997	11	0
071-7016	2003	6	0	7110-7005	2004	6	0	8500-7805	1999	12	0	964-2040-7	1997	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-7016	2003	7	0	7110-7005	2004	7	0	8500-7805	2000	1	0	964-2040-7	1998	1	0
071-7016	2003	8	0	7110-7005	2004	8	25	8500-7805	2000	2	0	964-2040-7	1998	2	0
071-7016	2003	9	0	7110-7005	2004	9	16	8500-7805	2000	3	0	964-2040-7	1998	3	100
071-7016	2003	10	0	7110-7005	2004	10	0	8500-7805	2000	4	0	964-2040-7	1998	4	0
071-7016	2003	11	0	7110-7005	2004	11	0	8500-7805	2000	5	0	964-2040-7	1998	5	0
071-7016	2003	12	0	7110-7005	2004	12	0	8500-7805	2000	6	0	964-2040-7	1998	6	0
071-7016	2004	1	0	7110-7005	2005	1	20	8500-7805	2000	7	0	964-2040-7	1998	7	0
071-7016	2004	2	0	7110-7005	2005	2	0	8500-7805	2000	8	0	964-2040-7	1998	8	0
071-7016	2004	3	0	7110-7005	2005	3	9	8500-7805	2000	9	0	964-2040-7	1998	9	0
071-7016	2004	4	0	7110-7005	2005	4	5	8500-7805	2000	10	1	964-2040-7	1998	10	100
071-7016	2004	5	0	7110-7005	2005	5	0	8500-7805	2000	11	0	964-2040-7	1998	11	0
071-7016	2004	6	0	7110-7005	2005	6	0	8500-7805	2000	12	0	964-2040-7	1998	12	0
071-7016	2004	7	6	7110-7005	2005	7	0	8500-7805	2001	1	0	964-2040-7	1999	1	0
071-7016	2004	8	0	7110-7005	2005	8	0	8500-7805	2001	2	0	964-2040-7	1999	2	0
071-7016	2004	9	0	7110-7005	2005	9	0	8500-7805	2001	3	0	964-2040-7	1999	3	0
071-7016	2004	10	0	7110-7005	2005	10	0	8500-7805	2001	4	0	964-2040-7	1999	4	100
071-7016	2004	11	0	7110-7005	2005	11	0	8500-7805	2001	5	0	964-2040-7	1999	5	0
071-7016	2004	12	0	7110-7005	2005	12	0	8500-7805	2001	6	0	964-2040-7	1999	6	150
071-7016	2005	1	0	7110-7005	2006	1	0	8500-7805	2001	7	0	964-2040-7	1999	7	0
071-7016	2005	2	0	7110-7005	2006	2	2	8500-7805	2001	8	0	964-2040-7	1999	8	0
071-7016	2005	3	105	7110-7005	2006	3	0	8500-7805	2001	9	0	964-2040-7	1999	9	0
071-7016	2005	4	0	7110-7005	2006	4	0	8500-7805	2001	10	1	964-2040-7	1999	10	0
071-7016	2005	5	0	7110-7005	2006	5	0	8500-7805	2001	11	10	964-2040-7	1999	11	0
071-7016	2005	6	0	7110-7005	2006	6	0	8500-7805	2001	12	0	964-2040-7	1999	12	0
071-7016	2005	7	0	7110-7005	2006	7	0	8500-7805	2002	1	0	964-2040-7	2000	1	0
071-7016	2005	8	0	7110-7005	2006	8	0	8500-7805	2002	2	0	964-2040-7	2000	2	0
071-7016	2005	9	0	7110-7005	2006	9	30	8500-7805	2002	3	0	964-2040-7	2000	3	0
071-7016	2005	10	0	7110-7005	2006	10	0	8500-7805	2002	4	0	964-2040-7	2000	4	0
071-7016	2005	11	0	7110-7005	2006	11	13	8500-7805	2002	5	2	964-2040-7	2000	5	0
071-7016	2005	12	0	7110-7005	2006	12	0	8500-7805	2002	6	0	964-2040-7	2000	6	0
071-7016	2006	1	0	7110-7005	2007	1	0	8500-7805	2002	7	0	964-2040-7	2000	7	0
071-7016	2006	2	0	7110-7005	2007	2	17	8500-7805	2002	8	0	964-2040-7	2000	8	0
071-7016	2006	3	0	7110-7005	2007	3	0	8500-7805	2002	9	0	964-2040-7	2000	9	0
071-7016	2006	4	0	7110-7005	2007	4	0	8500-7805	2002	10	0	964-2040-7	2000	10	0
071-7016	2006	5	0	7110-7005	2007	5	0	8500-7805	2002	11	0	964-2040-7	2000	11	0
071-7016	2006	6	0	7110-7005	2007	6	16	8500-7805	2002	12	0	964-2040-7	2000	12	0
071-7016	2006	7	0	7110-7005	2007	7	0	8500-7805	2003	1	0	964-2040-7	2001	1	0
071-7016	2006	8	0	7110-7005	2007	8	0	8500-7805	2003	2	0	964-2040-7	2001	2	0
071-7016	2006	9	0	7110-7005	2007	9	6	8500-7805	2003	3	0	964-2040-7	2001	3	0
071-7016	2006	10	0	7110-7005	2007	10	0	8500-7805	2003	4	14	964-2040-7	2001	4	0
071-7016	2006	11	0	7110-7005	2007	11	0	8500-7805	2003	5	0	964-2040-7	2001	5	0
071-7016	2006	12	0	7110-7005	2007	12	5	8500-7805	2003	6	0	964-2040-7	2001	6	0
071-7016	2007	1	0	7110-7005	2008	1	0	8500-7805	2003	7	0	964-2040-7	2001	7	0
071-7016	2007	2	0	7110-7005	2008	2	0	8500-7805	2003	8	10	964-2040-7	2001	8	0
071-7016	2007	3	0	7110-7005	2008	3	0	8500-7805	2003	9	0	964-2040-7	2001	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-7016	2007	4	0	7110-7005	2008	4	32	8500-7805	2003	10	0	964-2040-7	2001	10	0
071-7016	2007	5	0	7110-7005	2008	5	0	8500-7805	2003	11	0	964-2040-7	2001	11	0
071-7016	2007	6	0	7110-7005	2008	6	0	8500-7805	2003	12	0	964-2040-7	2001	12	0
071-7016	2007	7	0	7110-7005	2008	7	0	8500-7805	2004	1	0	964-2040-7	2002	1	0
071-7016	2007	8	0	7110-7005	2008	8	6	8500-7805	2004	2	0	964-2040-7	2002	2	0
071-7016	2007	9	0	7110-7005	2008	9	0	8500-7805	2004	3	0	964-2040-7	2002	3	0
071-7016	2007	10	0	7110-7005	2008	10	0	8500-7805	2004	4	2	964-2040-7	2002	4	0
071-7016	2007	11	6	7110-7005	2008	11	0	8500-7805	2004	5	0	964-2040-7	2002	5	0
071-7016	2007	12	0	7110-7005	2008	12	0	8500-7805	2004	6	17	964-2040-7	2002	6	0
071-7016	2008	1	0	7110-7005	2009	1	0	8500-7805	2004	7	0	964-2040-7	2002	7	0
071-7016	2008	2	2	7110-7005	2009	2	0	8500-7805	2004	8	0	964-2040-7	2002	8	0
071-7016	2008	3	0	7110-7005	2009	3	0	8500-7805	2004	9	1	964-2040-7	2002	9	0
071-7016	2008	4	0	7110-7008	1996	1	0	8500-7805	2004	10	0	964-2040-7	2002	10	0
071-7016	2008	5	0	7110-7008	1996	2	0	8500-7805	2004	11	0	964-2040-7	2002	11	0
071-7016	2008	6	0	7110-7008	1996	3	0	8500-7805	2004	12	0	964-2040-7	2002	12	0
071-7016	2008	7	0	7110-7008	1996	4	0	8500-7805	2005	1	0	964-2040-7	2003	1	0
071-7016	2008	8	0	7110-7008	1996	5	0	8500-7805	2005	2	0	964-2040-7	2003	2	0
071-7016	2008	9	0	7110-7008	1996	6	0	8500-7805	2005	3	0	964-2040-7	2003	3	0
071-7016	2008	10	0	7110-7008	1996	7	0	8500-7805	2005	4	51	964-2040-7	2003	4	0
071-7016	2008	11	0	7110-7008	1996	8	0	8500-7805	2005	5	0	964-2040-7	2003	5	0
071-7016	2008	12	0	7110-7008	1996	9	0	8500-7805	2005	6	0	964-2040-7	2003	6	0
071-7016	2009	1	0	7110-7008	1996	10	40	8500-7805	2005	7	0	964-2040-7	2003	7	0
071-7016	2009	2	0	7110-7008	1996	11	0	8500-7805	2005	8	4	964-2040-7	2003	8	0
071-7016	2009	3	0	7110-7008	1996	12	20	8500-7805	2005	9	0	964-2040-7	2003	9	0
071-8092	2000	1	0	7110-7008	1997	1	0	8500-7805	2005	10	0	964-2040-7	2003	10	0
071-8092	2000	2	0	7110-7008	1997	2	0	8500-7805	2005	11	0	964-2040-7	2003	11	0
071-8092	2000	3	0	7110-7008	1997	3	0	8500-7805	2005	12	0	964-2040-7	2003	12	0
071-8092	2000	4	0	7110-7008	1997	4	0	8500-7805	2006	1	0	964-2040-7	2004	1	0
071-8092	2000	5	15	7110-7008	1997	5	7	8500-7805	2006	2	0	964-2040-7	2004	2	0
071-8092	2000	6	0	7110-7008	1997	6	0	8500-7805	2006	3	0	964-2040-7	2004	3	0
071-8092	2000	7	0	7110-7008	1997	7	0	8500-7805	2006	4	0	964-2040-7	2004	4	0
071-8092	2000	8	0	7110-7008	1997	8	0	8500-7805	2006	5	0	964-2040-7	2004	5	0
071-8092	2000	9	0	7110-7008	1997	9	0	8500-7805	2006	6	0	964-2040-7	2004	6	0
071-8092	2000	10	50	7110-7008	1997	10	0	8500-7805	2006	7	0	964-2040-7	2004	7	400
071-8092	2000	11	0	7110-7008	1997	11	0	8500-7805	2006	8	0	964-2040-7	2004	8	0
071-8092	2000	12	0	7110-7008	1997	12	0	8500-7805	2006	9	0	964-2040-7	2004	9	0
071-8092	2001	1	0	7110-7008	1998	1	0	8500-7805	2006	10	0	964-2040-7	2004	10	0
071-8092	2001	2	0	7110-7008	1998	2	0	8500-7805	2006	11	12	964-2040-7	2004	11	0
071-8092	2001	3	0	7110-7008	1998	3	0	8500-7805	2006	12	0	964-2040-7	2004	12	0
071-8092	2001	4	0	7110-7008	1998	4	0	8500-7805	2007	1	0	964-2040-7	2005	1	0
071-8092	2001	5	0	7110-7008	1998	5	0	8500-7805	2007	2	0	964-2040-7	2005	2	0
071-8092	2001	6	0	7110-7008	1998	6	0	8500-7805	2007	3	0	964-2040-7	2005	3	0
071-8092	2001	7	0	7110-7008	1998	7	0	8500-7805	2007	4	0	964-2040-7	2005	4	0
071-8092	2001	8	0	7110-7008	1998	8	0	8500-7805	2007	5	0	964-2040-7	2005	5	0
071-8092	2001	9	0	7110-7008	1998	9	0	8500-7805	2007	6	0	964-2040-7	2005	6	400

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-8092	2001	10	0	7110-7008	1998	10	0	8500-7805	2007	7	0	964-2040-7	2005	7	0
071-8092	2001	11	0	7110-7008	1998	11	0	8500-7805	2007	8	0	964-2040-7	2005	8	0
071-8092	2001	12	0	7110-7008	1998	12	0	8500-7805	2007	9	0	964-2040-7	2005	9	0
071-8092	2002	1	0	7110-7008	1999	1	0	8500-7805	2007	10	0	964-2040-7	2005	10	0
071-8092	2002	2	0	7110-7008	1999	2	0	8500-7805	2007	11	0	964-2040-7	2005	11	0
071-8092	2002	3	0	7110-7008	1999	3	8	8500-7805	2007	12	0	964-2040-7	2005	12	0
071-8092	2002	4	0	7110-7008	1999	4	0	8500-7805	2008	1	200	964-2040-7	2006	1	0
071-8092	2002	5	0	7110-7008	1999	5	0	8500-7805	2008	2	0	964-2040-7	2006	2	0
071-8092	2002	6	0	7110-7008	1999	6	0	8500-7805	2008	3	7	964-2040-7	2006	3	0
071-8092	2002	7	0	7110-7008	1999	7	0	8500-8038-2	1998	1	6	964-2040-7	2006	4	0
071-8092	2002	8	0	7110-7008	1999	8	0	8500-8038-2	1998	2	0	964-2040-7	2006	5	200
071-8092	2002	9	0	7110-7008	1999	9	1	8500-8038-2	1998	3	0	964-2040-7	2006	6	0
071-8092	2002	10	50	7110-7008	1999	10	0	8500-8038-2	1998	4	0	964-2040-7	2006	7	0
071-8092	2002	11	0	7110-7008	1999	11	0	8500-8038-2	1998	5	0	964-2040-7	2006	8	0
071-8092	2002	12	0	7110-7008	1999	12	0	8500-8038-2	1998	6	0	964-2040-7	2006	9	0
071-8092	2003	1	0	7110-7008	2000	1	0	8500-8038-2	1998	7	0	964-2040-7	2006	10	0
071-8092	2003	2	0	7110-7008	2000	2	0	8500-8038-2	1998	8	0	964-2040-7	2006	11	0
071-8092	2003	3	0	7110-7008	2000	3	0	8500-8038-2	1998	9	0	964-2040-7	2006	12	0
071-8092	2003	4	0	7110-7008	2000	4	0	8500-8038-2	1998	10	0	964-2040-7	2007	1	0
071-8092	2003	5	0	7110-7008	2000	5	0	8500-8038-2	1998	11	0	964-2040-7	2007	2	0
071-8092	2003	6	30	7110-7008	2000	6	0	8500-8038-2	1998	12	0	964-2040-7	2007	3	0
071-8092	2003	7	0	7110-7008	2000	7	0	8500-8038-2	1999	1	0	964-2040-7	2007	4	0
071-8092	2003	8	0	7110-7008	2000	8	0	8500-8038-2	1999	2	0	964-2040-7	2007	5	0
071-8092	2003	9	0	7110-7008	2000	9	0	8500-8038-2	1999	3	0	964-2040-7	2007	6	0
071-8092	2003	10	0	7110-7008	2000	10	0	8500-8038-2	1999	4	0	964-2040-7	2007	7	0
071-8092	2003	11	0	7110-7008	2000	11	0	8500-8038-2	1999	5	0	964-2040-7	2007	8	0
071-8092	2003	12	0	7110-7008	2000	12	0	8500-8038-2	1999	6	0	964-2040-7	2007	9	0
071-8092	2004	1	0	7110-7008	2001	1	0	8500-8038-2	1999	7	0	964-2040-7	2007	10	0
071-8092	2004	2	0	7110-7008	2001	2	0	8500-8038-2	1999	8	1	964-2040-7	2007	11	500
071-8092	2004	3	0	7110-7008	2001	3	0	8500-8038-2	1999	9	0	964-2040-7	2007	12	0
071-8092	2004	4	0	7110-7008	2001	4	0	8500-8038-2	1999	10	0	964-2040-7	2008	1	300
071-8092	2004	5	0	7110-7008	2001	5	10	8500-8038-2	1999	11	0	964-2040-7	2008	2	0
071-8092	2004	6	0	7110-7008	2001	6	0	8500-8038-2	1999	12	0	964-2040-7	2008	3	0
071-8092	2004	7	0	7110-7008	2001	7	0	8500-8038-2	2000	1	0	964-2040-7	2008	4	0
071-8092	2004	8	0	7110-7008	2001	8	0	8500-8038-2	2000	2	0	964-2040-7	2008	5	0
071-8092	2004	9	0	7110-7008	2001	9	0	8500-8038-2	2000	3	0	964-2040-7	2008	6	0
071-8092	2004	10	0	7110-7008	2001	10	25	8500-8038-2	2000	4	0	964-2040-7	2008	7	0
071-8092	2004	11	15	7110-7008	2001	11	15	8500-8038-2	2000	5	0	964-2040-7	2008	8	0
071-8092	2004	12	0	7110-7008	2001	12	0	8500-8038-2	2000	6	4	964-2040-7	2008	9	0
071-8092	2005	1	0	7110-7008	2002	1	0	8500-8038-2	2000	7	0	964-2040-7	2008	10	0
071-8092	2005	2	0	7110-7008	2002	2	0	8500-8038-2	2000	8	0	964-2040-7	2008	11	0
071-8092	2005	3	0	7110-7008	2002	3	0	8500-8038-2	2000	9	0	964-2040-7	2008	12	0
071-8092	2005	4	15	7110-7008	2002	4	0	8500-8038-2	2000	10	0	964-2040-7	2009	1	0
071-8092	2005	5	0	7110-7008	2002	5	0	8500-8038-2	2000	11	0	964-2040-7	2009	2	0
071-8092	2005	6	0	7110-7008	2002	6	0	8500-8038-2	2000	12	0	964-2040-7	2009	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
071-8092	2005	7	0	7110-7008	2002	7	0	8500-8038-2	2001	1	5	968-0113-1	1995	1	0
071-8092	2005	8	0	7110-7008	2002	8	0	8500-8038-2	2001	2	0	968-0113-1	1995	2	1000
071-8092	2005	9	0	7110-7008	2002	9	0	8500-8038-2	2001	3	90	968-0113-1	1995	3	0
071-8092	2005	10	0	7110-7008	2002	10	50	8500-8038-2	2001	4	0	968-0113-1	1995	4	0
071-8092	2005	11	0	7110-7008	2002	11	0	8500-8038-2	2001	5	0	968-0113-1	1995	5	0
071-8092	2005	12	0	7110-7008	2002	12	0	8500-8038-2	2001	6	0	968-0113-1	1995	6	0
071-8092	2006	1	0	7110-7008	2003	1	0	8500-8038-2	2001	7	0	968-0113-1	1995	7	0
071-8092	2006	2	0	7110-7008	2003	2	6	8500-8038-2	2001	8	10	968-0113-1	1995	8	0
071-8092	2006	3	0	7110-7008	2003	3	0	8500-8038-2	2001	9	0	968-0113-1	1995	9	0
071-8092	2006	4	9	7110-7008	2003	4	0	8500-8038-2	2001	10	0	968-0113-1	1995	10	0
071-8092	2006	5	0	7110-7008	2003	5	0	8500-8038-2	2001	11	0	968-0113-1	1995	11	0
071-8092	2006	6	0	7110-7008	2003	6	0	8500-8038-2	2001	12	0	968-0113-1	1995	12	0
071-8092	2006	7	0	7110-7008	2003	7	0	8500-8038-2	2002	1	0	968-0113-1	1996	1	0
071-8092	2006	8	0	7110-7008	2003	8	0	8500-8038-2	2002	2	45	968-0113-1	1996	2	500
071-8092	2006	9	0	7110-7008	2003	9	0	8500-8038-2	2002	3	0	968-0113-1	1996	3	200
071-8092	2006	10	0	7110-7008	2003	10	20	8500-8038-2	2002	4	0	968-0113-1	1996	4	0
071-8092	2006	11	0	7110-7008	2003	11	0	8500-8038-2	2002	5	0	968-0113-1	1996	5	0
071-8092	2006	12	0	7110-7008	2003	12	0	8500-8038-2	2002	6	0	968-0113-1	1996	6	500
071-8092	2007	1	0	7110-7008	2004	1	0	8500-8038-2	2002	7	26	968-0113-1	1996	7	500
071-8092	2007	2	0	7110-7008	2004	2	0	8500-8038-2	2002	8	0	968-0113-1	1996	8	0
071-8092	2007	3	0	7110-7008	2004	3	0	8500-8038-2	2002	9	0	968-0113-1	1996	9	0
071-8092	2007	4	6	7110-7008	2004	4	0	8500-8038-2	2002	10	0	968-0113-1	1996	10	0
071-8092	2007	5	0	7110-7008	2004	5	0	8500-8038-2	2002	11	0	968-0113-1	1996	11	500
071-8092	2007	6	0	7110-7008	2004	6	0	8500-8038-2	2002	12	0	968-0113-1	1996	12	500
071-8092	2007	7	0	7110-7008	2004	7	0	8500-8038-2	2003	1	6	968-0113-1	1997	1	0
071-8092	2007	8	10	7110-7008	2004	8	30	8500-8038-2	2003	2	0	968-0113-1	1997	2	0
071-8092	2007	9	10	7110-7008	2004	9	0	8500-8038-2	2003	3	0	968-0113-1	1997	3	0
071-8092	2007	10	0	7110-7008	2004	10	2	8500-8038-2	2003	4	0	968-0113-1	1997	4	1000
071-8092	2007	11	0	7110-7008	2004	11	0	8500-8038-2	2003	5	0	968-0113-1	1997	5	0
071-8092	2007	12	0	7110-7008	2004	12	0	8500-8038-2	2003	6	0	968-0113-1	1997	6	200
071-8092	2008	1	0	7110-7008	2005	1	0	8500-8038-2	2003	7	0	968-0113-1	1997	7	0
071-8092	2008	2	0	7110-7008	2005	2	0	8500-8038-2	2003	8	0	968-0113-1	1997	8	1000
071-8092	2008	3	0	7110-7008	2005	3	20	8500-8038-2	2003	9	0	968-0113-1	1997	9	0
071-8092	2008	4	6	7110-7008	2005	4	26	8500-8038-2	2003	10	0	968-0113-1	1997	10	0
071-8092	2008	5	0	7110-7008	2005	5	0	8500-8038-2	2003	11	0	968-0113-1	1997	11	0
071-8092	2008	6	0	7110-7008	2005	6	0	8500-8038-2	2003	12	0	968-0113-1	1997	12	0
071-8092	2008	7	0	7110-7008	2005	7	0	8500-8038-2	2004	1	0	968-0113-1	1998	1	200
071-8092	2008	8	0	7110-7008	2005	8	0	8500-8038-2	2004	2	0	968-0113-1	1998	2	0
071-8092	2008	9	0	7110-7008	2005	9	0	8500-8038-2	2004	3	0	968-0113-1	1998	3	500
071-8092	2008	10	26	7110-7008	2005	10	0	8500-8038-2	2004	4	0	968-0113-1	1998	4	0
071-8092	2008	11	0	7110-7008	2005	11	26	8500-8038-2	2004	5	0	968-0113-1	1998	5	0
071-8092	2008	12	0	7110-7008	2005	12	0	8500-8038-2	2004	6	0	968-0113-1	1998	6	0
071-8092	2009	1	0	7110-7008	2006	1	0	8500-8038-2	2004	7	0	968-0113-1	1998	7	0
071-8092	2009	2	0	7110-7008	2006	2	0	8500-8038-2	2004	8	0	968-0113-1	1998	8	0
071-8092	2009	3	0	7110-7008	2006	3	6	8500-8038-2	2004	9	0	968-0113-1	1998	9	1000

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-0104	1999	1	0	7110-7008	2006	4	0	8500-8038-2	2004	10	0	968-0113-1	1998	10	0
076-0104	1999	2	0	7110-7008	2006	5	20	8500-8038-2	2004	11	0	968-0113-1	1998	11	0
076-0104	1999	3	100	7110-7008	2006	6	0	8500-8038-2	2004	12	0	968-0113-1	1998	12	26
076-0104	1999	4	0	7110-7008	2006	7	0	8500-8038-2	2005	1	0	968-0113-1	1999	1	0
076-0104	1999	5	0	7110-7008	2006	8	26	8500-8038-2	2005	2	0	968-0113-1	1999	2	0
076-0104	1999	6	0	7110-7008	2006	9	36	8500-8038-2	2005	3	0	968-0113-1	1999	3	3
076-0104	1999	7	0	7110-7008	2006	10	0	8500-8038-2	2005	4	0	968-0113-1	1999	4	0
076-0104	1999	8	0	7110-7008	2006	11	3	8500-8038-2	2005	5	0	968-0113-1	1999	5	0
076-0104	1999	9	0	7110-7008	2006	12	5	8500-8038-2	2005	6	0	968-0113-1	1999	6	1550
076-0104	1999	10	0	7110-7008	2007	1	26	8500-8038-2	2005	7	0	968-0113-1	1999	7	0
076-0104	1999	11	0	7110-7008	2007	2	0	8500-8038-2	2005	8	0	968-0113-1	1999	8	0
076-0104	1999	12	0	7110-7008	2007	3	0	8500-8038-2	2005	9	0	968-0113-1	1999	9	0
076-0104	2000	1	0	7110-7008	2007	4	5	8500-8038-2	2005	10	0	968-0113-1	1999	10	0
076-0104	2000	2	0	7110-7008	2007	5	0	8500-8038-2	2005	11	0	968-0113-1	1999	11	800
076-0104	2000	3	0	7110-7008	2007	6	0	8500-8038-2	2005	12	0	968-0113-1	1999	12	0
076-0104	2000	4	0	7110-7008	2007	7	0	8500-8038-2	2006	1	0	968-0113-1	2000	1	0
076-0104	2000	5	0	7110-7008	2007	8	12	8500-8038-2	2006	2	0	968-0113-1	2000	2	0
076-0104	2000	6	0	7110-7008	2007	9	26	8500-8038-2	2006	3	0	968-0113-1	2000	3	0
076-0104	2000	7	0	7110-7008	2007	10	0	8500-8038-2	2006	4	0	968-0113-1	2000	4	0
076-0104	2000	8	6	7110-7008	2007	11	0	8500-8038-2	2006	5	12	968-0113-1	2000	5	600
076-0104	2000	9	0	7110-7008	2007	12	0	8500-8038-2	2006	6	12	968-0113-1	2000	6	0
076-0104	2000	10	0	7110-7008	2008	1	0	8500-8038-2	2006	7	0	968-0113-1	2000	7	0
076-0104	2000	11	0	7110-7008	2008	2	26	8500-8038-2	2006	8	0	968-0113-1	2000	8	800
076-0104	2000	12	0	7110-7008	2008	3	0	8500-8038-2	2006	9	12	968-0113-1	2000	9	10
076-0104	2001	1	0	7110-7008	2008	4	15	8500-8038-2	2006	10	0	968-0113-1	2000	10	0
076-0104	2001	2	0	7110-7008	2008	5	0	8500-8038-2	2006	11	0	968-0113-1	2000	11	0
076-0104	2001	3	0	7110-7008	2008	6	0	8500-8038-2	2006	12	0	968-0113-1	2000	12	0
076-0104	2001	4	0	7110-7008	2008	7	0	8500-8038-2	2007	1	0	968-0113-1	2001	1	1000
076-0104	2001	5	0	7110-7008	2008	8	0	8500-8038-2	2007	2	0	968-0113-1	2001	2	0
076-0104	2001	6	0	7110-7008	2008	9	0	8500-8038-2	2007	3	0	968-0113-1	2001	3	0
076-0104	2001	7	0	7110-7008	2008	10	26	8500-8038-2	2007	4	0	968-0113-1	2001	4	0
076-0104	2001	8	0	7110-7008	2008	11	0	8500-8038-2	2007	5	0	968-0113-1	2001	5	0
076-0104	2001	9	0	7110-7008	2008	12	0	8500-8038-2	2007	6	0	968-0113-1	2001	6	0
076-0104	2001	10	0	7110-7008	2009	1	28	8500-8038-2	2007	7	0	968-0113-1	2001	7	0
076-0104	2001	11	5	7110-7008	2009	2	0	8500-8038-2	2007	8	0	968-0113-1	2001	8	0
076-0104	2001	12	0	7110-7008	2009	3	0	8500-8038-2	2007	9	0	968-0113-1	2001	9	0
076-0104	2002	1	0	7110-7800	1997	1	0	8500-8038-2	2007	10	0	968-0113-1	2001	10	0
076-0104	2002	2	0	7110-7800	1997	2	0	8500-8038-2	2007	11	0	968-0113-1	2001	11	0
076-0104	2002	3	0	7110-7800	1997	3	4	8500-8038-2	2007	12	90	968-0113-1	2001	12	0
076-0104	2002	4	0	7110-7800	1997	4	0	8500-8038-2	2008	1	0	968-0113-1	2002	1	0
076-0104	2002	5	0	7110-7800	1997	5	0	8500-8038-2	2008	2	0	968-0113-1	2002	2	0
076-0104	2002	6	0	7110-7800	1997	6	0	8500-8038-2	2008	3	0	968-0113-1	2002	3	0
076-0104	2002	7	0	7110-7800	1997	7	0	8500-8038-2	2008	4	0	968-0113-1	2002	4	0
076-0104	2002	8	0	7110-7800	1997	8	0	8500-8038-2	2008	5	0	968-0113-1	2002	5	0
076-0104	2002	9	0	7110-7800	1997	9	0	8500-8038-2	2008	6	0	968-0113-1	2002	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-0104	2002	10	0	7110-7800	1997	10	57	8500-8038-2	2008	7	0	968-0113-1	2002	7	0
076-0104	2002	11	0	7110-7800	1997	11	0	8500-8038-2	2008	8	0	968-0113-1	2002	8	0
076-0104	2002	12	0	7110-7800	1997	12	0	8500-8038-2	2008	9	0	968-0113-1	2002	9	0
076-0104	2003	1	0	7110-7800	1998	1	0	8500-8038-2	2008	10	0	968-0113-1	2002	10	0
076-0104	2003	2	0	7110-7800	1998	2	0	8500-8038-2	2008	11	0	968-0113-1	2002	11	0
076-0104	2003	3	0	7110-7800	1998	3	0	8500-8038-2	2008	12	0	968-0113-1	2002	12	0
076-0104	2003	4	0	7110-7800	1998	4	0	8500-8038-2	2009	1	0	968-0113-1	2003	1	0
076-0104	2003	5	0	7110-7800	1998	5	0	8500-8038-2	2009	2	0	968-0113-1	2003	2	0
076-0104	2003	6	0	7110-7800	1998	6	0	8500-8038-2	2009	3	0	968-0113-1	2003	3	0
076-0104	2003	7	15	7110-7800	1998	7	0	931-0101	1995	1	0	968-0113-1	2003	4	0
076-0104	2003	8	0	7110-7800	1998	8	0	931-0101	1995	2	500	968-0113-1	2003	5	0
076-0104	2003	9	0	7110-7800	1998	9	0	931-0101	1995	3	0	968-0113-1	2003	6	0
076-0104	2003	10	0	7110-7800	1998	10	0	931-0101	1995	4	0	968-0113-1	2003	7	0
076-0104	2003	11	0	7110-7800	1998	11	0	931-0101	1995	5	0	968-0113-1	2003	8	0
076-0104	2003	12	0	7110-7800	1998	12	0	931-0101	1995	6	1000	968-0113-1	2003	9	0
076-0104	2004	1	0	7110-7800	1999	1	0	931-0101	1995	7	0	968-0113-1	2003	10	0
076-0104	2004	2	0	7110-7800	1999	2	0	931-0101	1995	8	0	968-0113-1	2003	11	0
076-0104	2004	3	0	7110-7800	1999	3	0	931-0101	1995	9	0	968-0113-1	2003	12	0
076-0104	2004	4	0	7110-7800	1999	4	0	931-0101	1995	10	0	968-0113-1	2004	1	0
076-0104	2004	5	0	7110-7800	1999	5	0	931-0101	1995	11	1500	968-0113-1	2004	2	0
076-0104	2004	6	0	7110-7800	1999	6	0	931-0101	1995	12	0	968-0113-1	2004	3	0
076-0104	2004	7	0	7110-7800	1999	7	0	931-0101	1996	1	0	968-0113-1	2004	4	150
076-0104	2004	8	30	7110-7800	1999	8	0	931-0101	1996	2	0	968-0113-1	2004	5	0
076-0104	2004	9	0	7110-7800	1999	9	0	931-0101	1996	3	0	968-0113-1	2004	6	0
076-0104	2004	10	0	7110-7800	1999	10	0	931-0101	1996	4	1500	968-0113-1	2004	7	0
076-0104	2004	11	0	7110-7800	1999	11	0	931-0101	1996	5	0	968-0113-1	2004	8	0
076-0104	2004	12	0	7110-7800	1999	12	0	931-0101	1996	6	0	968-0113-1	2004	9	150
076-0104	2005	1	0	7110-7800	2000	1	0	931-0101	1996	7	0	968-0113-1	2004	10	0
076-0104	2005	2	0	7110-7800	2000	2	0	931-0101	1996	8	0	968-0113-1	2004	11	0
076-0104	2005	3	0	7110-7800	2000	3	0	931-0101	1996	9	0	968-0113-1	2004	12	250
076-0104	2005	4	0	7110-7800	2000	4	0	931-0101	1996	10	0	968-0113-1	2005	1	0
076-0104	2005	5	0	7110-7800	2000	5	0	931-0101	1996	11	0	968-0113-1	2005	2	0
076-0104	2005	6	0	7110-7800	2000	6	0	931-0101	1996	12	0	968-0113-1	2005	3	0
076-0104	2005	7	0	7110-7800	2000	7	0	931-0101	1997	1	0	968-0113-1	2005	4	0
076-0104	2005	8	0	7110-7800	2000	8	0	931-0101	1997	2	1800	968-0113-1	2005	5	500
076-0104	2005	9	30	7110-7800	2000	9	1	931-0101	1997	3	0	968-0113-1	2005	6	0
076-0104	2005	10	251	7110-7800	2000	10	0	931-0101	1997	4	0	968-0113-1	2005	7	0
076-0104	2005	11	0	7110-7800	2000	11	0	931-0101	1997	5	1800	968-0113-1	2005	8	0
076-0104	2005	12	0	7110-7800	2000	12	0	931-0101	1997	6	0	968-0113-1	2005	9	0
076-0104	2006	1	0	7110-7800	2001	1	0	931-0101	1997	7	0	968-0113-1	2005	10	0
076-0104	2006	2	0	7110-7800	2001	2	0	931-0101	1997	8	0	968-0113-1	2005	11	0
076-0104	2006	3	0	7110-7800	2001	3	0	931-0101	1997	9	0	968-0113-1	2005	12	0
076-0104	2006	4	2	7110-7800	2001	4	0	931-0101	1997	10	0	968-0113-1	2006	1	0
076-0104	2006	5	0	7110-7800	2001	5	0	931-0101	1997	11	23	968-0113-1	2006	2	0
076-0104	2006	6	0	7110-7800	2001	6	0	931-0101	1997	12	0	968-0113-1	2006	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-0104	2006	7	0	7110-7800	2001	7	0	931-0101	1998	1	0	968-0113-1	2006	4	0
076-0104	2006	8	0	7110-7800	2001	8	0	931-0101	1998	2	1200	968-0113-1	2006	5	0
076-0104	2006	9	0	7110-7800	2001	9	0	931-0101	1998	3	0	968-0113-1	2006	6	0
076-0104	2006	10	0	7110-7800	2001	10	0	931-0101	1998	4	0	968-0113-1	2006	7	0
076-0104	2006	11	0	7110-7800	2001	11	0	931-0101	1998	5	0	968-0113-1	2006	8	0
076-0104	2006	12	0	7110-7800	2001	12	0	931-0101	1998	6	0	968-0113-1	2006	9	500
076-0104	2007	1	6	7110-7800	2002	1	0	931-0101	1998	7	0	968-0113-1	2006	10	0
076-0104	2007	2	0	7110-7800	2002	2	0	931-0101	1998	8	1800	968-0113-1	2006	11	0
076-0104	2007	3	0	7110-7800	2002	3	0	931-0101	1998	9	0	968-0113-1	2006	12	0
076-0104	2007	4	0	7110-7800	2002	4	0	931-0101	1998	10	0	968-0113-1	2007	1	0
076-0104	2007	5	0	7110-7800	2002	5	0	931-0101	1998	11	0	968-0113-1	2007	2	0
076-0104	2007	6	0	7110-7800	2002	6	0	931-0101	1998	12	0	968-0113-1	2007	3	0
076-0104	2007	7	0	7110-7800	2002	7	0	931-0101	1999	1	0	968-0113-1	2007	4	0
076-0104	2007	8	0	7110-7800	2002	8	0	931-0101	1999	2	0	968-0113-1	2007	5	0
076-0104	2007	9	0	7110-7800	2002	9	0	931-0101	1999	3	0	968-0113-1	2007	6	0
076-0104	2007	10	0	7110-7800	2002	10	0	931-0101	1999	4	2000	968-0113-1	2007	7	448
076-0104	2007	11	0	7110-7800	2002	11	0	931-0101	1999	5	0	968-0113-1	2007	8	0
076-0104	2007	12	0	7110-7800	2002	12	0	931-0101	1999	6	0	968-0113-1	2007	9	0
076-0104	2008	1	0	7110-7800	2003	1	0	931-0101	1999	7	0	968-0113-1	2007	10	0
076-0104	2008	2	0	7110-7800	2003	2	0	931-0101	1999	8	1650	968-0113-1	2007	11	0
076-0104	2008	3	0	7110-7800	2003	3	0	931-0101	1999	9	0	968-0113-1	2007	12	0
076-0104	2008	4	0	7110-7800	2003	4	0	931-0101	1999	10	0	968-0113-1	2008	1	0
076-0104	2008	5	0	7110-7800	2003	5	0	931-0101	1999	11	0	968-0113-1	2008	2	0
076-0104	2008	6	100	7110-7800	2003	6	0	931-0101	1999	12	0	968-0113-1	2008	3	0
076-0104	2008	7	0	7110-7800	2003	7	0	931-0101	2000	1	0	968-0113-1	2008	4	0
076-0104	2008	8	0	7110-7800	2003	8	0	931-0101	2000	2	3004	968-0113-1	2008	5	0
076-0104	2008	9	0	7110-7800	2003	9	6	931-0101	2000	3	0	968-0113-1	2008	6	0
076-0104	2008	10	0	7110-7800	2003	10	0	931-0101	2000	4	0	968-0113-1	2008	7	300
076-0104	2008	11	0	7110-7800	2003	11	0	931-0101	2000	5	0	968-0113-1	2008	8	0
076-0104	2008	12	0	7110-7800	2003	12	0	931-0101	2000	6	0	968-0113-1	2008	9	0
076-0104	2009	1	0	7110-7800	2004	1	0	931-0101	2000	7	4000	968-0113-1	2008	10	0
076-0104	2009	2	0	7110-7800	2004	2	0	931-0101	2000	8	0	968-0113-1	2008	11	0
076-0104	2009	3	0	7110-7800	2004	3	0	931-0101	2000	9	0	968-0113-1	2008	12	0
076-0106	1996	1	0	7110-7800	2004	4	0	931-0101	2000	10	0	968-0113-1	2009	1	0
076-0106	1996	2	400	7110-7800	2004	5	0	931-0101	2000	11	0	968-0113-1	2009	2	0
076-0106	1996	3	0	7110-7800	2004	6	0	931-0101	2000	12	0	968-0113-1	2009	3	0
076-0106	1996	4	200	7110-7800	2004	7	0	931-0101	2001	1	0	968-1435-1	1995	1	0
076-0106	1996	5	0	7110-7800	2004	8	8	931-0101	2001	2	0	968-1435-1	1995	2	0
076-0106	1996	6	0	7110-7800	2004	9	0	931-0101	2001	3	0	968-1435-1	1995	3	8
076-0106	1996	7	0	7110-7800	2004	10	0	931-0101	2001	4	0	968-1435-1	1995	4	0
076-0106	1996	8	0	7110-7800	2004	11	0	931-0101	2001	5	25	968-1435-1	1995	5	0
076-0106	1996	9	0	7110-7800	2004	12	0	931-0101	2001	6	0	968-1435-1	1995	6	0
076-0106	1996	10	400	7110-7800	2005	1	0	931-0101	2001	7	0	968-1435-1	1995	7	0
076-0106	1996	11	0	7110-7800	2005	2	0	931-0101	2001	8	5000	968-1435-1	1995	8	14
076-0106	1996	12	0	7110-7800	2005	3	0	931-0101	2001	9	0	968-1435-1	1995	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-0106	1997	1	0	7110-7800	2005	4	0	931-0101	2001	10	0	968-1435-1	1995	10	0
076-0106	1997	2	400	7110-7800	2005	5	0	931-0101	2001	11	2525	968-1435-1	1995	11	15
076-0106	1997	3	940	7110-7800	2005	6	0	931-0101	2001	12	1852	968-1435-1	1995	12	0
076-0106	1997	4	0	7110-7800	2005	7	0	931-0101	2002	1	0	968-1435-1	1996	1	0
076-0106	1997	5	0	7110-7800	2005	8	0	931-0101	2002	2	0	968-1435-1	1996	2	0
076-0106	1997	6	0	7110-7800	2005	9	0	931-0101	2002	3	0	968-1435-1	1996	3	0
076-0106	1997	7	0	7110-7800	2005	10	8	931-0101	2002	4	0	968-1435-1	1996	4	0
076-0106	1997	8	0	7110-7800	2005	11	34	931-0101	2002	5	0	968-1435-1	1996	5	0
076-0106	1997	9	0	7110-7800	2005	12	0	931-0101	2002	6	0	968-1435-1	1996	6	0
076-0106	1997	10	0	7110-7800	2006	1	0	931-0101	2002	7	0	968-1435-1	1996	7	0
076-0106	1997	11	0	7110-7800	2006	2	0	931-0101	2002	8	0	968-1435-1	1996	8	0
076-0106	1997	12	0	7110-7800	2006	3	0	931-0101	2002	9	0	968-1435-1	1996	9	0
076-0106	1998	1	530	7110-7800	2006	4	29	931-0101	2002	10	0	968-1435-1	1996	10	19
076-0106	1998	2	0	7110-7800	2006	5	0	931-0101	2002	11	0	968-1435-1	1996	11	0
076-0106	1998	3	0	7110-7800	2006	6	0	931-0101	2002	12	0	968-1435-1	1996	12	0
076-0106	1998	4	0	7110-7800	2006	7	0	931-0101	2003	1	4000	968-1435-1	1997	1	0
076-0106	1998	5	0	7110-7800	2006	8	0	931-0101	2003	2	0	968-1435-1	1997	2	0
076-0106	1998	6	0	7110-7800	2006	9	0	931-0101	2003	3	0	968-1435-1	1997	3	0
076-0106	1998	7	0	7110-7800	2006	10	0	931-0101	2003	4	10	968-1435-1	1997	4	0
076-0106	1998	8	0	7110-7800	2006	11	40	931-0101	2003	5	0	968-1435-1	1997	5	0
076-0106	1998	9	0	7110-7800	2006	12	0	931-0101	2003	6	0	968-1435-1	1997	6	0
076-0106	1998	10	0	7110-7800	2007	1	0	931-0101	2003	7	0	968-1435-1	1997	7	0
076-0106	1998	11	0	7110-7800	2007	2	0	931-0101	2003	8	0	968-1435-1	1997	8	0
076-0106	1998	12	0	7110-7800	2007	3	0	931-0101	2003	9	0	968-1435-1	1997	9	0
076-0106	1999	1	0	7110-7800	2007	4	0	931-0101	2003	10	0	968-1435-1	1997	10	0
076-0106	1999	2	500	7110-7800	2007	5	0	931-0101	2003	11	3000	968-1435-1	1997	11	0
076-0106	1999	3	0	7110-7800	2007	6	8	931-0101	2003	12	0	968-1435-1	1997	12	0
076-0106	1999	4	0	7110-7800	2007	7	0	931-0101	2004	1	56	968-1435-1	1998	1	0
076-0106	1999	5	0	7110-7800	2007	8	0	931-0101	2004	2	0	968-1435-1	1998	2	0
076-0106	1999	6	0	7110-7800	2007	9	0	931-0101	2004	3	0	968-1435-1	1998	3	0
076-0106	1999	7	0	7110-7800	2007	10	0	931-0101	2004	4	0	968-1435-1	1998	4	0
076-0106	1999	8	0	7110-7800	2007	11	36	931-0101	2004	5	0	968-1435-1	1998	5	8
076-0106	1999	9	0	7110-7800	2007	12	0	931-0101	2004	6	0	968-1435-1	1998	6	12
076-0106	1999	10	0	7110-7800	2008	1	0	931-0101	2004	7	0	968-1435-1	1998	7	0
076-0106	1999	11	0	7110-7800	2008	2	0	931-0101	2004	8	0	968-1435-1	1998	8	0
076-0106	1999	12	0	7110-7800	2008	3	0	931-0101	2004	9	0	968-1435-1	1998	9	0
076-0106	2000	1	0	7110-7800	2008	4	0	931-0101	2004	10	0	968-1435-1	1998	10	0
076-0106	2000	2	500	7110-7800	2008	5	0	931-0101	2004	11	0	968-1435-1	1998	11	0
076-0106	2000	3	0	7110-7800	2008	6	0	931-0101	2004	12	2050	968-1435-1	1998	12	0
076-0106	2000	4	0	7110-7800	2008	7	0	931-0101	2005	1	0	968-1435-1	1999	1	25
076-0106	2000	5	0	7110-7800	2008	8	0	931-0101	2005	2	0	968-1435-1	1999	2	0
076-0106	2000	6	0	7110-7800	2008	9	0	931-0101	2005	3	0	968-1435-1	1999	3	0
076-0106	2000	7	0	7110-7800	2008	10	50	931-0101	2005	4	0	968-1435-1	1999	4	0
076-0106	2000	8	0	7110-7800	2008	11	0	931-0101	2005	5	0	968-1435-1	1999	5	0
076-0106	2000	9	0	7110-7800	2008	12	0	931-0101	2005	6	3000	968-1435-1	1999	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-0106	2000	10	0	7110-7800	2009	1	0	931-0101	2005	7	0	968-1435-1	1999	7	0
076-0106	2000	11	50	7110-7800	2009	2	0	931-0101	2005	8	0	968-1435-1	1999	8	0
076-0106	2000	12	1400	7110-7800	2009	3	0	931-0101	2005	9	0	968-1435-1	1999	9	25
076-0106	2001	1	0	7110-7804	1997	1	0	931-0101	2005	10	0	968-1435-1	1999	10	0
076-0106	2001	2	0	7110-7804	1997	2	50	931-0101	2005	11	0	968-1435-1	1999	11	0
076-0106	2001	3	0	7110-7804	1997	3	0	931-0101	2005	12	0	968-1435-1	1999	12	0
076-0106	2001	4	0	7110-7804	1997	4	0	931-0101	2006	1	0	968-1435-1	2000	1	0
076-0106	2001	5	0	7110-7804	1997	5	0	931-0101	2006	2	0	968-1435-1	2000	2	0
076-0106	2001	6	0	7110-7804	1997	6	0	931-0101	2006	3	0	968-1435-1	2000	3	0
076-0106	2001	7	0	7110-7804	1997	7	0	931-0101	2006	4	0	968-1435-1	2000	4	0
076-0106	2001	8	0	7110-7804	1997	8	0	931-0101	2006	5	0	968-1435-1	2000	5	0
076-0106	2001	9	0	7110-7804	1997	9	0	931-0101	2006	6	0	968-1435-1	2000	6	25
076-0106	2001	10	0	7110-7804	1997	10	0	931-0101	2006	7	0	968-1435-1	2000	7	0
076-0106	2001	11	0	7110-7804	1997	11	0	931-0101	2006	8	0	968-1435-1	2000	8	0
076-0106	2001	12	0	7110-7804	1997	12	0	931-0101	2006	9	0	968-1435-1	2000	9	0
076-0106	2002	1	0	7110-7804	1998	1	0	931-0101	2006	10	2500	968-1435-1	2000	10	0
076-0106	2002	2	0	7110-7804	1998	2	0	931-0101	2006	11	0	968-1435-1	2000	11	0
076-0106	2002	3	0	7110-7804	1998	3	0	931-0101	2006	12	0	968-1435-1	2000	12	0
076-0106	2002	4	0	7110-7804	1998	4	0	931-0101	2007	1	0	968-1435-1	2001	1	40
076-0106	2002	5	0	7110-7804	1998	5	0	931-0101	2007	2	0	968-1435-1	2001	2	0
076-0106	2002	6	0	7110-7804	1998	6	0	931-0101	2007	3	0	968-1435-1	2001	3	0
076-0106	2002	7	0	7110-7804	1998	7	0	931-0101	2007	4	0	968-1435-1	2001	4	0
076-0106	2002	8	0	7110-7804	1998	8	0	931-0101	2007	5	0	968-1435-1	2001	5	0
076-0106	2002	9	0	7110-7804	1998	9	0	931-0101	2007	6	0	968-1435-1	2001	6	0
076-0106	2002	10	0	7110-7804	1998	10	0	931-0101	2007	7	0	968-1435-1	2001	7	0
076-0106	2002	11	0	7110-7804	1998	11	0	931-0101	2007	8	2000	968-1435-1	2001	8	0
076-0106	2002	12	0	7110-7804	1998	12	0	931-0101	2007	9	0	968-1435-1	2001	9	0
076-0106	2003	1	500	7110-7804	1999	1	0	931-0101	2007	10	0	968-1435-1	2001	10	0
076-0106	2003	2	0	7110-7804	1999	2	0	931-0101	2007	11	0	968-1435-1	2001	11	0
076-0106	2003	3	0	7110-7804	1999	3	0	931-0101	2007	12	0	968-1435-1	2001	12	0
076-0106	2003	4	0	7110-7804	1999	4	0	931-0101	2008	1	0	968-1435-1	2002	1	0
076-0106	2003	5	0	7110-7804	1999	5	0	931-0101	2008	2	0	968-1435-1	2002	2	0
076-0106	2003	6	0	7110-7804	1999	6	0	931-0101	2008	3	0	968-1435-1	2002	3	0
076-0106	2003	7	0	7110-7804	1999	7	0	931-0101	2008	4	0	968-1435-1	2002	4	0
076-0106	2003	8	0	7110-7804	1999	8	0	931-0101	2008	5	0	968-1435-1	2002	5	0
076-0106	2003	9	0	7110-7804	1999	9	10	931-0101	2008	6	0	968-1435-1	2002	6	0
076-0106	2003	10	0	7110-7804	1999	10	0	931-0101	2008	7	0	968-1435-1	2002	7	45
076-0106	2003	11	0	7110-7804	1999	11	0	931-0101	2008	8	0	968-1435-1	2002	8	0
076-0106	2003	12	0	7110-7804	1999	12	0	931-0101	2008	9	0	968-1435-1	2002	9	0
076-0106	2004	1	0	7110-7804	2000	1	0	931-0101	2008	10	0	968-1435-1	2002	10	0
076-0106	2004	2	500	7110-7804	2000	2	0	931-0101	2008	11	0	968-1435-1	2002	11	0
076-0106	2004	3	0	7110-7804	2000	3	0	931-0101	2008	12	0	968-1435-1	2002	12	0
076-0106	2004	4	0	7110-7804	2000	4	0	931-0101	2009	1	0	968-1435-1	2003	1	0
076-0106	2004	5	0	7110-7804	2000	5	25	931-0101	2009	2	0	968-1435-1	2003	2	0
076-0106	2004	6	0	7110-7804	2000	6	0	931-0101	2009	3	0	968-1435-1	2003	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-0106	2004	7	0	7110-7804	2000	7	0	931-0108	1995	1	0	968-1435-1	2003	4	0
076-0106	2004	8	0	7110-7804	2000	8	0	931-0108	1995	2	0	968-1435-1	2003	5	0
076-0106	2004	9	0	7110-7804	2000	9	0	931-0108	1995	3	0	968-1435-1	2003	6	0
076-0106	2004	10	0	7110-7804	2000	10	0	931-0108	1995	4	0	968-1435-1	2003	7	0
076-0106	2004	11	0	7110-7804	2000	11	0	931-0108	1995	5	500	968-1435-1	2003	8	0
076-0106	2004	12	0	7110-7804	2000	12	0	931-0108	1995	6	500	968-1435-1	2003	9	45
076-0106	2005	1	0	7110-7804	2001	1	0	931-0108	1995	7	0	968-1435-1	2003	10	0
076-0106	2005	2	0	7110-7804	2001	2	0	931-0108	1995	8	700	968-1435-1	2003	11	0
076-0106	2005	3	0	7110-7804	2001	3	0	931-0108	1995	9	0	968-1435-1	2003	12	0
076-0106	2005	4	0	7110-7804	2001	4	0	931-0108	1995	10	0	968-1435-1	2004	1	0
076-0106	2005	5	0	7110-7804	2001	5	0	931-0108	1995	11	0	968-1435-1	2004	2	0
076-0106	2005	6	0	7110-7804	2001	6	0	931-0108	1995	12	0	968-1435-1	2004	3	0
076-0106	2005	7	0	7110-7804	2001	7	0	931-0108	1996	1	0	968-1435-1	2004	4	0
076-0106	2005	8	0	7110-7804	2001	8	10	931-0108	1996	2	850	968-1435-1	2004	5	0
076-0106	2005	9	0	7110-7804	2001	9	0	931-0108	1996	3	0	968-1435-1	2004	6	0
076-0106	2005	10	0	7110-7804	2001	10	5	931-0108	1996	4	0	968-1435-1	2004	7	0
076-0106	2005	11	0	7110-7804	2001	11	0	931-0108	1996	5	0	968-1435-1	2004	8	0
076-0106	2005	12	0	7110-7804	2001	12	0	931-0108	1996	6	0	968-1435-1	2004	9	0
076-0106	2006	1	0	7110-7804	2002	1	10	931-0108	1996	7	0	968-1435-1	2004	10	0
076-0106	2006	2	700	7110-7804	2002	2	0	931-0108	1996	8	700	968-1435-1	2004	11	0
076-0106	2006	3	0	7110-7804	2002	3	0	931-0108	1996	9	0	968-1435-1	2004	12	0
076-0106	2006	4	0	7110-7804	2002	4	0	931-0108	1996	10	0	968-1435-1	2005	1	0
076-0106	2006	5	0	7110-7804	2002	5	0	931-0108	1996	11	0	968-1435-1	2005	2	45
076-0106	2006	6	0	7110-7804	2002	6	0	931-0108	1996	12	0	968-1435-1	2005	3	0
076-0106	2006	7	0	7110-7804	2002	7	0	931-0108	1997	1	659	968-1435-1	2005	4	0
076-0106	2006	8	0	7110-7804	2002	8	0	931-0108	1997	2	1650	968-1435-1	2005	5	0
076-0106	2006	9	0	7110-7804	2002	9	0	931-0108	1997	3	0	968-1435-1	2005	6	0
076-0106	2006	10	0	7110-7804	2002	10	0	931-0108	1997	4	0	968-1435-1	2005	7	101
076-0106	2006	11	0	7110-7804	2002	11	0	931-0108	1997	5	0	968-1435-1	2005	8	0
076-0106	2006	12	0	7110-7804	2002	12	0	931-0108	1997	6	0	968-1435-1	2005	9	0
076-0106	2007	1	0	7110-7804	2003	1	26	931-0108	1997	7	0	968-1435-1	2005	10	0
076-0106	2007	2	0	7110-7804	2003	2	0	931-0108	1997	8	0	968-1435-1	2005	11	0
076-0106	2007	3	0	7110-7804	2003	3	0	931-0108	1997	9	1000	968-1435-1	2005	12	0
076-0106	2007	4	0	7110-7804	2003	4	6	931-0108	1997	10	0	968-1435-1	2006	1	0
076-0106	2007	5	0	7110-7804	2003	5	0	931-0108	1997	11	0	968-1435-1	2006	2	0
076-0106	2007	6	0	7110-7804	2003	6	0	931-0108	1997	12	0	968-1435-1	2006	3	0
076-0106	2007	7	0	7110-7804	2003	7	0	931-0108	1998	1	440	968-1435-1	2006	4	0
076-0106	2007	8	0	7110-7804	2003	8	6	931-0108	1998	2	1000	968-1435-1	2006	5	0
076-0106	2007	9	0	7110-7804	2003	9	0	931-0108	1998	3	0	968-1435-1	2006	6	0
076-0106	2007	10	0	7110-7804	2003	10	0	931-0108	1998	4	0	968-1435-1	2006	7	0
076-0106	2007	11	0	7110-7804	2003	11	0	931-0108	1998	5	1000	968-1435-1	2006	8	0
076-0106	2007	12	0	7110-7804	2003	12	0	931-0108	1998	6	0	968-1435-1	2006	9	80
076-0106	2008	1	0	7110-7804	2004	1	1	931-0108	1998	7	500	968-1435-1	2006	10	0
076-0106	2008	2	0	7110-7804	2004	2	0	931-0108	1998	8	0	968-1435-1	2006	11	0
076-0106	2008	3	0	7110-7804	2004	3	0	931-0108	1998	9	0	968-1435-1	2006	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-0106	2008	4	260	7110-7804	2004	4	0	931-0108	1998	10	1000	968-1435-1	2007	1	0
076-0106	2008	5	0	7110-7804	2004	5	0	931-0108	1998	11	0	968-1435-1	2007	2	0
076-0106	2008	6	0	7110-7804	2004	6	0	931-0108	1998	12	0	968-1435-1	2007	3	0
076-0106	2008	7	0	7110-7804	2004	7	0	931-0108	1999	1	160	968-1435-1	2007	4	0
076-0106	2008	8	0	7110-7804	2004	8	0	931-0108	1999	2	1000	968-1435-1	2007	5	0
076-0106	2008	9	0	7110-7804	2004	9	0	931-0108	1999	3	1500	968-1435-1	2007	6	0
076-0106	2008	10	200	7110-7804	2004	10	0	931-0108	1999	4	0	968-1435-1	2007	7	0
076-0106	2008	11	0	7110-7804	2004	11	51	931-0108	1999	5	0	968-1435-1	2007	8	0
076-0106	2008	12	0	7110-7804	2004	12	0	931-0108	1999	6	0	968-1435-1	2007	9	0
076-0106	2009	1	0	7110-7804	2005	1	0	931-0108	1999	7	0	968-1435-1	2007	10	0
076-0106	2009	2	0	7110-7804	2005	2	0	931-0108	1999	8	45	968-1435-1	2007	11	0
076-0106	2009	3	0	7110-7804	2005	3	75	931-0108	1999	9	0	968-1435-1	2007	12	0
076-0117	1996	1	0	7110-7804	2005	4	0	931-0108	1999	10	1800	968-1435-1	2008	1	0
076-0117	1996	2	0	7110-7804	2005	5	0	931-0108	1999	11	0	968-1435-1	2008	2	0
076-0117	1996	3	0	7110-7804	2005	6	0	931-0108	1999	12	0	968-1435-1	2008	3	0
076-0117	1996	4	0	7110-7804	2005	7	0	931-0108	2000	1	0	968-1435-1	2008	4	51
076-0117	1996	5	0	7110-7804	2005	8	0	931-0108	2000	2	4	968-1435-1	2008	5	0
076-0117	1996	6	0	7110-7804	2005	9	2	931-0108	2000	3	500	968-1435-1	2008	6	0
076-0117	1996	7	0	7110-7804	2005	10	0	931-0108	2000	4	0	968-1435-1	2008	7	0
076-0117	1996	8	500	7110-7804	2005	11	0	931-0108	2000	5	0	968-1435-1	2008	8	0
076-0117	1996	9	0	7110-7804	2005	12	0	931-0108	2000	6	1850	968-1435-1	2008	9	0
076-0117	1996	10	0	7110-7804	2006	1	0	931-0108	2000	7	0	968-1435-1	2008	10	0
076-0117	1996	11	0	7110-7804	2006	2	0	931-0108	2000	8	0	968-1435-1	2008	11	0
076-0117	1996	12	0	7110-7804	2006	3	0	931-0108	2000	9	0	968-1435-1	2008	12	0
076-0117	1997	1	0	7110-7804	2006	4	0	931-0108	2000	10	0	968-1435-1	2009	1	0
076-0117	1997	2	500	7110-7804	2006	5	0	931-0108	2000	11	0	968-1435-1	2009	2	0
076-0117	1997	3	840	7110-7804	2006	6	0	931-0108	2000	12	0	968-1435-1	2009	3	0
076-0117	1997	4	0	7110-7804	2006	7	0	931-0108	2001	1	0	968-2078-7	1999	1	0
076-0117	1997	5	0	7110-7804	2006	8	0	931-0108	2001	2	1850	968-2078-7	1999	2	0
076-0117	1997	6	0	7110-7804	2006	9	30	931-0108	2001	3	900	968-2078-7	1999	3	0
076-0117	1997	7	0	7110-7804	2006	10	0	931-0108	2001	4	0	968-2078-7	1999	4	0
076-0117	1997	8	0	7110-7804	2006	11	0	931-0108	2001	5	0	968-2078-7	1999	5	0
076-0117	1997	9	0	7110-7804	2006	12	0	931-0108	2001	6	0	968-2078-7	1999	6	1550
076-0117	1997	10	0	7110-7804	2007	1	0	931-0108	2001	7	0	968-2078-7	1999	7	0
076-0117	1997	11	0	7110-7804	2007	2	0	931-0108	2001	8	2700	968-2078-7	1999	8	0
076-0117	1997	12	0	7110-7804	2007	3	0	931-0108	2001	9	0	968-2078-7	1999	9	0
076-0117	1998	1	530	7110-7804	2007	4	0	931-0108	2001	10	0	968-2078-7	1999	10	0
076-0117	1998	2	0	7110-7804	2007	5	0	931-0108	2001	11	0	968-2078-7	1999	11	0
076-0117	1998	3	0	7110-7804	2007	6	0	931-0108	2001	12	0	968-2078-7	1999	12	0
076-0117	1998	4	0	7110-7804	2007	7	60	931-0108	2002	1	0	968-2078-7	2000	1	0
076-0117	1998	5	0	7110-7804	2007	8	0	931-0108	2002	2	0	968-2078-7	2000	2	0
076-0117	1998	6	0	7110-7804	2007	9	0	931-0108	2002	3	2250	968-2078-7	2000	3	0
076-0117	1998	7	0	7110-7804	2007	10	26	931-0108	2002	4	0	968-2078-7	2000	4	0
076-0117	1998	8	0	7110-7804	2007	11	3	931-0108	2002	5	0	968-2078-7	2000	5	0
076-0117	1998	9	0	7110-7804	2007	12	0	931-0108	2002	6	0	968-2078-7	2000	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-0117	1998	10	0	7110-7804	2008	1	0	931-0108	2002	7	0	968-2078-7	2000	7	0
076-0117	1998	11	0	7110-7804	2008	2	0	931-0108	2002	8	0	968-2078-7	2000	8	0
076-0117	1998	12	0	7110-7804	2008	3	0	931-0108	2002	9	0	968-2078-7	2000	9	0
076-0117	1999	1	0	7110-7804	2008	4	39	931-0108	2002	10	0	968-2078-7	2000	10	0
076-0117	1999	2	650	7110-7804	2008	5	0	931-0108	2002	11	0	968-2078-7	2000	11	0
076-0117	1999	3	0	7110-7804	2008	6	0	931-0108	2002	12	0	968-2078-7	2000	12	0
076-0117	1999	4	0	7110-7804	2008	7	0	931-0108	2003	1	0	968-2078-7	2001	1	0
076-0117	1999	5	0	7110-7804	2008	8	10	931-0108	2003	2	0	968-2078-7	2001	2	0
076-0117	1999	6	0	7110-7804	2008	9	0	931-0108	2003	3	0	968-2078-7	2001	3	0
076-0117	1999	7	0	7110-7804	2008	10	0	931-0108	2003	4	1200	968-2078-7	2001	4	0
076-0117	1999	8	0	7110-7804	2008	11	0	931-0108	2003	5	0	968-2078-7	2001	5	0
076-0117	1999	9	0	7110-7804	2008	12	0	931-0108	2003	6	0	968-2078-7	2001	6	0
076-0117	1999	10	0	7110-7804	2009	1	0	931-0108	2003	7	0	968-2078-7	2001	7	0
076-0117	1999	11	0	7110-7804	2009	2	0	931-0108	2003	8	1800	968-2078-7	2001	8	0
076-0117	1999	12	0	7110-7804	2009	3	0	931-0108	2003	9	0	968-2078-7	2001	9	0
076-0117	2000	1	0	7110-7809	1996	1	0	931-0108	2003	10	0	968-2078-7	2001	10	0
076-0117	2000	2	650	7110-7809	1996	2	0	931-0108	2003	11	0	968-2078-7	2001	11	0
076-0117	2000	3	0	7110-7809	1996	3	0	931-0108	2003	12	1000	968-2078-7	2001	12	0
076-0117	2000	4	0	7110-7809	1996	4	0	931-0108	2004	1	56	968-2078-7	2002	1	0
076-0117	2000	5	0	7110-7809	1996	5	0	931-0108	2004	2	0	968-2078-7	2002	2	0
076-0117	2000	6	0	7110-7809	1996	6	0	931-0108	2004	3	0	968-2078-7	2002	3	0
076-0117	2000	7	0	7110-7809	1996	7	0	931-0108	2004	4	4200	968-2078-7	2002	4	0
076-0117	2000	8	0	7110-7809	1996	8	0	931-0108	2004	5	0	968-2078-7	2002	5	0
076-0117	2000	9	0	7110-7809	1996	9	0	931-0108	2004	6	0	968-2078-7	2002	6	0
076-0117	2000	10	0	7110-7809	1996	10	7	931-0108	2004	7	0	968-2078-7	2002	7	0
076-0117	2000	11	0	7110-7809	1996	11	0	931-0108	2004	8	0	968-2078-7	2002	8	0
076-0117	2000	12	1400	7110-7809	1996	12	95	931-0108	2004	9	0	968-2078-7	2002	9	0
076-0117	2001	1	0	7110-7809	1997	1	0	931-0108	2004	10	0	968-2078-7	2002	10	0
076-0117	2001	2	0	7110-7809	1997	2	0	931-0108	2004	11	0	968-2078-7	2002	11	0
076-0117	2001	3	0	7110-7809	1997	3	0	931-0108	2004	12	0	968-2078-7	2002	12	0
076-0117	2001	4	0	7110-7809	1997	4	0	931-0108	2005	1	0	968-2078-7	2003	1	0
076-0117	2001	5	0	7110-7809	1997	5	15	931-0108	2005	2	0	968-2078-7	2003	2	0
076-0117	2001	6	0	7110-7809	1997	6	0	931-0108	2005	3	0	968-2078-7	2003	3	0
076-0117	2001	7	0	7110-7809	1997	7	0	931-0108	2005	4	0	968-2078-7	2003	4	0
076-0117	2001	8	0	7110-7809	1997	8	0	931-0108	2005	5	0	968-2078-7	2003	5	0
076-0117	2001	9	0	7110-7809	1997	9	0	931-0108	2005	6	0	968-2078-7	2003	6	0
076-0117	2001	10	0	7110-7809	1997	10	200	931-0108	2005	7	4500	968-2078-7	2003	7	25
076-0117	2001	11	0	7110-7809	1997	11	0	931-0108	2005	8	0	968-2078-7	2003	8	0
076-0117	2001	12	0	7110-7809	1997	12	0	931-0108	2005	9	0	968-2078-7	2003	9	0
076-0117	2002	1	0	7110-7809	1998	1	0	931-0108	2005	10	0	968-2078-7	2003	10	0
076-0117	2002	2	0	7110-7809	1998	2	0	931-0108	2005	11	0	968-2078-7	2003	11	0
076-0117	2002	3	0	7110-7809	1998	3	0	931-0108	2005	12	0	968-2078-7	2003	12	0
076-0117	2002	4	0	7110-7809	1998	4	0	931-0108	2006	1	0	968-2078-7	2004	1	15
076-0117	2002	5	0	7110-7809	1998	5	0	931-0108	2006	2	0	968-2078-7	2004	2	0
076-0117	2002	6	0	7110-7809	1998	6	0	931-0108	2006	3	0	968-2078-7	2004	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-0117	2002	7	0	7110-7809	1998	7	0	931-0108	2006	4	0	968-2078-7	2004	4	50
076-0117	2002	8	0	7110-7809	1998	8	0	931-0108	2006	5	0	968-2078-7	2004	5	0
076-0117	2002	9	0	7110-7809	1998	9	0	931-0108	2006	6	0	968-2078-7	2004	6	0
076-0117	2002	10	0	7110-7809	1998	10	6	931-0108	2006	7	0	968-2078-7	2004	7	0
076-0117	2002	11	0	7110-7809	1998	11	0	931-0108	2006	8	0	968-2078-7	2004	8	0
076-0117	2002	12	0	7110-7809	1998	12	0	931-0108	2006	9	0	968-2078-7	2004	9	0
076-0117	2003	1	500	7110-7809	1999	1	0	931-0108	2006	10	0	968-2078-7	2004	10	0
076-0117	2003	2	0	7110-7809	1999	2	0	931-0108	2006	11	0	968-2078-7	2004	11	0
076-0117	2003	3	0	7110-7809	1999	3	0	931-0108	2006	12	0	968-2078-7	2004	12	0
076-0117	2003	4	0	7110-7809	1999	4	0	931-0108	2007	1	0	968-2078-7	2005	1	50
076-0117	2003	5	0	7110-7809	1999	5	0	931-0108	2007	2	0	968-2078-7	2005	2	0
076-0117	2003	6	0	7110-7809	1999	6	0	931-0108	2007	3	0	968-2078-7	2005	3	0
076-0117	2003	7	0	7110-7809	1999	7	0	931-0108	2007	4	0	968-2078-7	2005	4	0
076-0117	2003	8	0	7110-7809	1999	8	0	931-0108	2007	5	0	968-2078-7	2005	5	0
076-0117	2003	9	0	7110-7809	1999	9	1	931-0108	2007	6	0	968-2078-7	2005	6	100
076-0117	2003	10	0	7110-7809	1999	10	0	931-0108	2007	7	0	968-2078-7	2005	7	0
076-0117	2003	11	0	7110-7809	1999	11	90	931-0108	2007	8	0	968-2078-7	2005	8	0
076-0117	2003	12	0	7110-7809	1999	12	0	931-0108	2007	9	0	968-2078-7	2005	9	0
076-0117	2004	1	0	7110-7809	2000	1	10	931-0108	2007	10	100	968-2078-7	2005	10	0
076-0117	2004	2	500	7110-7809	2000	2	0	931-0108	2007	11	322	968-2078-7	2005	11	0
076-0117	2004	3	0	7110-7809	2000	3	1	931-0108	2007	12	51	968-2078-7	2005	12	0
076-0117	2004	4	0	7110-7809	2000	4	21	931-0108	2008	1	150	968-2078-7	2006	1	0
076-0117	2004	5	0	7110-7809	2000	5	0	931-0108	2008	2	0	968-2078-7	2006	2	0
076-0117	2004	6	0	7110-7809	2000	6	0	931-0108	2008	3	0	968-2078-7	2006	3	0
076-0117	2004	7	0	7110-7809	2000	7	0	931-0108	2008	4	0	968-2078-7	2006	4	0
076-0117	2004	8	0	7110-7809	2000	8	0	931-0108	2008	5	0	968-2078-7	2006	5	0
076-0117	2004	9	0	7110-7809	2000	9	0	931-0108	2008	6	0	968-2078-7	2006	6	0
076-0117	2004	10	0	7110-7809	2000	10	0	931-0108	2008	7	0	968-2078-7	2006	7	0
076-0117	2004	11	0	7110-7809	2000	11	7	931-0108	2008	8	0	968-2078-7	2006	8	0
076-0117	2004	12	0	7110-7809	2000	12	10	931-0108	2008	9	0	968-2078-7	2006	9	0
076-0117	2005	1	0	7110-7809	2001	1	0	931-0108	2008	10	0	968-2078-7	2006	10	0
076-0117	2005	2	0	7110-7809	2001	2	0	931-0108	2008	11	0	968-2078-7	2006	11	0
076-0117	2005	3	0	7110-7809	2001	3	0	931-0108	2008	12	0	968-2078-7	2006	12	0
076-0117	2005	4	0	7110-7809	2001	4	0	931-0108	2009	1	0	968-2078-7	2007	1	0
076-0117	2005	5	0	7110-7809	2001	5	0	931-0108	2009	2	0	968-2078-7	2007	2	0
076-0117	2005	6	0	7110-7809	2001	6	2	931-0108	2009	3	0	968-2078-7	2007	3	0
076-0117	2005	7	0	7110-7809	2001	7	0	931-0109	1995	1	0	968-2078-7	2007	4	0
076-0117	2005	8	0	7110-7809	2001	8	0	931-0109	1995	2	0	968-2078-7	2007	5	50
076-0117	2005	9	0	7110-7809	2001	9	0	931-0109	1995	3	0	968-2078-7	2007	6	0
076-0117	2005	10	0	7110-7809	2001	10	0	931-0109	1995	4	0	968-2078-7	2007	7	500
076-0117	2005	11	0	7110-7809	2001	11	0	931-0109	1995	5	310	968-2078-7	2007	8	0
076-0117	2005	12	0	7110-7809	2001	12	0	931-0109	1995	6	500	968-2078-7	2007	9	0
076-0117	2006	1	0	7110-7809	2002	1	0	931-0109	1995	7	0	968-2078-7	2007	10	0
076-0117	2006	2	700	7110-7809	2002	2	0	931-0109	1995	8	0	968-2078-7	2007	11	0
076-0117	2006	3	0	7110-7809	2002	3	0	931-0109	1995	9	0	968-2078-7	2007	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-0117	2006	4	0	7110-7809	2002	4	0	931-0109	1995	10	0	968-2078-7	2008	1	0
076-0117	2006	5	0	7110-7809	2002	5	0	931-0109	1995	11	397	968-2078-7	2008	2	0
076-0117	2006	6	0	7110-7809	2002	6	0	931-0109	1995	12	0	968-2078-7	2008	3	0
076-0117	2006	7	0	7110-7809	2002	7	0	931-0109	1996	1	400	968-2078-7	2008	4	0
076-0117	2006	8	0	7110-7809	2002	8	40	931-0109	1996	2	0	968-2078-7	2008	5	0
076-0117	2006	9	0	7110-7809	2002	9	0	931-0109	1996	3	0	968-2078-7	2008	6	0
076-0117	2006	10	0	7110-7809	2002	10	0	931-0109	1996	4	900	968-2078-7	2008	7	0
076-0117	2006	11	0	7110-7809	2002	11	0	931-0109	1996	5	0	968-2078-7	2008	8	0
076-0117	2006	12	0	7110-7809	2002	12	0	931-0109	1996	6	0	968-2078-7	2008	9	0
076-0117	2007	1	0	7110-7809	2003	1	0	931-0109	1996	7	0	968-2078-7	2008	10	0
076-0117	2007	2	0	7110-7809	2003	2	0	931-0109	1996	8	0	968-2078-7	2008	11	0
076-0117	2007	3	0	7110-7809	2003	3	0	931-0109	1996	9	0	968-2078-7	2008	12	0
076-0117	2007	4	0	7110-7809	2003	4	18	931-0109	1996	10	0	968-2078-7	2009	1	0
076-0117	2007	5	0	7110-7809	2003	5	2	931-0109	1996	11	0	968-2078-7	2009	2	0
076-0117	2007	6	0	7110-7809	2003	6	0	931-0109	1996	12	0	968-2078-7	2009	3	0
076-0117	2007	7	0	7110-7809	2003	7	0	931-0109	1997	1	1050	968-2085-7	1995	1	0
076-0117	2007	8	0	7110-7809	2003	8	0	931-0109	1997	2	0	968-2085-7	1995	2	0
076-0117	2007	9	0	7110-7809	2003	9	35	931-0109	1997	3	0	968-2085-7	1995	3	100
076-0117	2007	10	0	7110-7809	2003	10	0	931-0109	1997	4	450	968-2085-7	1995	4	0
076-0117	2007	11	0	7110-7809	2003	11	9	931-0109	1997	5	450	968-2085-7	1995	5	0
076-0117	2007	12	0	7110-7809	2003	12	0	931-0109	1997	6	600	968-2085-7	1995	6	0
076-0117	2008	1	0	7110-7809	2004	1	0	931-0109	1997	7	0	968-2085-7	1995	7	0
076-0117	2008	2	0	7110-7809	2004	2	0	931-0109	1997	8	0	968-2085-7	1995	8	0
076-0117	2008	3	0	7110-7809	2004	3	0	931-0109	1997	9	0	968-2085-7	1995	9	0
076-0117	2008	4	0	7110-7809	2004	4	10	931-0109	1997	10	0	968-2085-7	1995	10	0
076-0117	2008	5	0	7110-7809	2004	5	0	931-0109	1997	11	0	968-2085-7	1995	11	0
076-0117	2008	6	0	7110-7809	2004	6	0	931-0109	1997	12	0	968-2085-7	1995	12	0
076-0117	2008	7	230	7110-7809	2004	7	1	931-0109	1998	1	0	968-2085-7	1996	1	0
076-0117	2008	8	0	7110-7809	2004	8	0	931-0109	1998	2	600	968-2085-7	1996	2	0
076-0117	2008	9	0	7110-7809	2004	9	0	931-0109	1998	3	0	968-2085-7	1996	3	0
076-0117	2008	10	0	7110-7809	2004	10	2	931-0109	1998	4	0	968-2085-7	1996	4	0
076-0117	2008	11	0	7110-7809	2004	11	0	931-0109	1998	5	0	968-2085-7	1996	5	0
076-0117	2008	12	0	7110-7809	2004	12	0	931-0109	1998	6	3	968-2085-7	1996	6	0
076-0117	2009	1	0	7110-7809	2005	1	0	931-0109	1998	7	400	968-2085-7	1996	7	0
076-0117	2009	2	0	7110-7809	2005	2	0	931-0109	1998	8	0	968-2085-7	1996	8	0
076-0117	2009	3	0	7110-7809	2005	3	0	931-0109	1998	9	0	968-2085-7	1996	9	0
076-1102	1999	1	0	7110-7809	2005	4	0	931-0109	1998	10	0	968-2085-7	1996	10	20
076-1102	1999	2	25	7110-7809	2005	5	0	931-0109	1998	11	450	968-2085-7	1996	11	0
076-1102	1999	3	0	7110-7809	2005	6	0	931-0109	1998	12	0	968-2085-7	1996	12	0
076-1102	1999	4	0	7110-7809	2005	7	0	931-0109	1999	1	0	968-2085-7	1997	1	0
076-1102	1999	5	0	7110-7809	2005	8	0	931-0109	1999	2	0	968-2085-7	1997	2	0
076-1102	1999	6	0	7110-7809	2005	9	0	931-0109	1999	3	0	968-2085-7	1997	3	0
076-1102	1999	7	0	7110-7809	2005	10	0	931-0109	1999	4	816	968-2085-7	1997	4	0
076-1102	1999	8	0	7110-7809	2005	11	0	931-0109	1999	5	0	968-2085-7	1997	5	0
076-1102	1999	9	0	7110-7809	2005	12	0	931-0109	1999	6	700	968-2085-7	1997	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-1102	1999	10	0	7110-7809	2006	1	0	931-0109	1999	7	0	968-2085-7	1997	7	0
076-1102	1999	11	0	7110-7809	2006	2	0	931-0109	1999	8	969	968-2085-7	1997	8	0
076-1102	1999	12	0	7110-7809	2006	3	0	931-0109	1999	9	124	968-2085-7	1997	9	0
076-1102	2000	1	0	7110-7809	2006	4	0	931-0109	1999	10	0	968-2085-7	1997	10	0
076-1102	2000	2	0	7110-7809	2006	5	0	931-0109	1999	11	0	968-2085-7	1997	11	0
076-1102	2000	3	0	7110-7809	2006	6	10	931-0109	1999	12	0	968-2085-7	1997	12	0
076-1102	2000	4	0	7110-7809	2006	7	0	931-0109	2000	1	0	968-2085-7	1998	1	0
076-1102	2000	5	0	7110-7809	2006	8	0	931-0109	2000	2	0	968-2085-7	1998	2	0
076-1102	2000	6	0	7110-7809	2006	9	40	931-0109	2000	3	281	968-2085-7	1998	3	0
076-1102	2000	7	0	7110-7809	2006	10	0	931-0109	2000	4	0	968-2085-7	1998	4	0
076-1102	2000	8	0	7110-7809	2006	11	1	931-0109	2000	5	1000	968-2085-7	1998	5	0
076-1102	2000	9	0	7110-7809	2006	12	0	931-0109	2000	6	0	968-2085-7	1998	6	0
076-1102	2000	10	0	7110-7809	2007	1	6	931-0109	2000	7	0	968-2085-7	1998	7	0
076-1102	2000	11	0	7110-7809	2007	2	10	931-0109	2000	8	0	968-2085-7	1998	8	0
076-1102	2000	12	0	7110-7809	2007	3	0	931-0109	2000	9	1040	968-2085-7	1998	9	0
076-1102	2001	1	0	7110-7809	2007	4	0	931-0109	2000	10	0	968-2085-7	1998	10	0
076-1102	2001	2	0	7110-7809	2007	5	1	931-0109	2000	11	0	968-2085-7	1998	11	0
076-1102	2001	3	0	7110-7809	2007	6	0	931-0109	2000	12	0	968-2085-7	1998	12	0
076-1102	2001	4	0	7110-7809	2007	7	0	931-0109	2001	1	0	968-2085-7	1999	1	0
076-1102	2001	5	0	7110-7809	2007	8	0	931-0109	2001	2	0	968-2085-7	1999	2	0
076-1102	2001	6	0	7110-7809	2007	9	0	931-0109	2001	3	0	968-2085-7	1999	3	0
076-1102	2001	7	0	7110-7809	2007	10	0	931-0109	2001	4	0	968-2085-7	1999	4	0
076-1102	2001	8	0	7110-7809	2007	11	0	931-0109	2001	5	0	968-2085-7	1999	5	12
076-1102	2001	9	0	7110-7809	2007	12	0	931-0109	2001	6	1800	968-2085-7	1999	6	1550
076-1102	2001	10	0	7110-7809	2008	1	0	931-0109	2001	7	0	968-2085-7	1999	7	0
076-1102	2001	11	0	7110-7809	2008	2	0	931-0109	2001	8	3000	968-2085-7	1999	8	0
076-1102	2001	12	0	7110-7809	2008	3	0	931-0109	2001	9	0	968-2085-7	1999	9	0
076-1102	2002	1	0	7110-7809	2008	4	0	931-0109	2001	10	0	968-2085-7	1999	10	0
076-1102	2002	2	0	7110-7809	2008	5	0	931-0109	2001	11	0	968-2085-7	1999	11	0
076-1102	2002	3	0	7110-7809	2008	6	0	931-0109	2001	12	0	968-2085-7	1999	12	0
076-1102	2002	4	0	7110-7809	2008	7	0	931-0109	2002	1	0	968-2085-7	2000	1	0
076-1102	2002	5	0	7110-7809	2008	8	0	931-0109	2002	2	0	968-2085-7	2000	2	0
076-1102	2002	6	0	7110-7809	2008	9	0	931-0109	2002	3	0	968-2085-7	2000	3	0
076-1102	2002	7	0	7110-7809	2008	10	0	931-0109	2002	4	0	968-2085-7	2000	4	0
076-1102	2002	8	0	7110-7809	2008	11	6	931-0109	2002	5	0	968-2085-7	2000	5	0
076-1102	2002	9	0	7110-7809	2008	12	0	931-0109	2002	6	0	968-2085-7	2000	6	0
076-1102	2002	10	0	7110-7809	2009	1	0	931-0109	2002	7	0	968-2085-7	2000	7	0
076-1102	2002	11	0	7110-7809	2009	2	0	931-0109	2002	8	0	968-2085-7	2000	8	0
076-1102	2002	12	0	7110-7809	2009	3	0	931-0109	2002	9	0	968-2085-7	2000	9	0
076-1102	2003	1	0	7110-7811	1997	1	0	931-0109	2002	10	0	968-2085-7	2000	10	0
076-1102	2003	2	0	7110-7811	1997	2	2	931-0109	2002	11	0	968-2085-7	2000	11	0
076-1102	2003	3	0	7110-7811	1997	3	0	931-0109	2002	12	0	968-2085-7	2000	12	0
076-1102	2003	4	0	7110-7811	1997	4	0	931-0109	2003	1	0	968-2085-7	2001	1	0
076-1102	2003	5	0	7110-7811	1997	5	0	931-0109	2003	2	0	968-2085-7	2001	2	0
076-1102	2003	6	0	7110-7811	1997	6	0	931-0109	2003	3	0	968-2085-7	2001	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-1102	2003	7	0	7110-7811	1997	7	0	931-0109	2003	4	0	968-2085-7	2001	4	0
076-1102	2003	8	0	7110-7811	1997	8	6	931-0109	2003	5	0	968-2085-7	2001	5	0
076-1102	2003	9	0	7110-7811	1997	9	0	931-0109	2003	6	0	968-2085-7	2001	6	0
076-1102	2003	10	0	7110-7811	1997	10	10	931-0109	2003	7	2520	968-2085-7	2001	7	0
076-1102	2003	11	0	7110-7811	1997	11	0	931-0109	2003	8	0	968-2085-7	2001	8	0
076-1102	2003	12	0	7110-7811	1997	12	0	931-0109	2003	9	0	968-2085-7	2001	9	0
076-1102	2004	1	0	7110-7811	1998	1	0	931-0109	2003	10	0	968-2085-7	2001	10	0
076-1102	2004	2	0	7110-7811	1998	2	0	931-0109	2003	11	0	968-2085-7	2001	11	0
076-1102	2004	3	0	7110-7811	1998	3	0	931-0109	2003	12	0	968-2085-7	2001	12	0
076-1102	2004	4	0	7110-7811	1998	4	0	931-0109	2004	1	56	968-2085-7	2002	1	0
076-1102	2004	5	0	7110-7811	1998	5	0	931-0109	2004	2	0	968-2085-7	2002	2	0
076-1102	2004	6	0	7110-7811	1998	6	0	931-0109	2004	3	0	968-2085-7	2002	3	0
076-1102	2004	7	0	7110-7811	1998	7	0	931-0109	2004	4	0	968-2085-7	2002	4	0
076-1102	2004	8	0	7110-7811	1998	8	0	931-0109	2004	5	0	968-2085-7	2002	5	0
076-1102	2004	9	0	7110-7811	1998	9	0	931-0109	2004	6	0	968-2085-7	2002	6	0
076-1102	2004	10	0	7110-7811	1998	10	0	931-0109	2004	7	0	968-2085-7	2002	7	0
076-1102	2004	11	0	7110-7811	1998	11	0	931-0109	2004	8	0	968-2085-7	2002	8	0
076-1102	2004	12	0	7110-7811	1998	12	0	931-0109	2004	9	0	968-2085-7	2002	9	0
076-1102	2005	1	0	7110-7811	1999	1	0	931-0109	2004	10	0	968-2085-7	2002	10	0
076-1102	2005	2	0	7110-7811	1999	2	0	931-0109	2004	11	0	968-2085-7	2002	11	0
076-1102	2005	3	0	7110-7811	1999	3	0	931-0109	2004	12	2436	968-2085-7	2002	12	0
076-1102	2005	4	0	7110-7811	1999	4	0	931-0109	2005	1	0	968-2085-7	2003	1	0
076-1102	2005	5	0	7110-7811	1999	5	0	931-0109	2005	2	0	968-2085-7	2003	2	0
076-1102	2005	6	0	7110-7811	1999	6	0	931-0109	2005	3	0	968-2085-7	2003	3	0
076-1102	2005	7	0	7110-7811	1999	7	2	931-0109	2005	4	0	968-2085-7	2003	4	0
076-1102	2005	8	0	7110-7811	1999	8	0	931-0109	2005	5	0	968-2085-7	2003	5	0
076-1102	2005	9	0	7110-7811	1999	9	0	931-0109	2005	6	0	968-2085-7	2003	6	0
076-1102	2005	10	0	7110-7811	1999	10	0	931-0109	2005	7	0	968-2085-7	2003	7	0
076-1102	2005	11	0	7110-7811	1999	11	0	931-0109	2005	8	0	968-2085-7	2003	8	0
076-1102	2005	12	0	7110-7811	1999	12	0	931-0109	2005	9	0	968-2085-7	2003	9	0
076-1102	2006	1	0	7110-7811	2000	1	0	931-0109	2005	10	0	968-2085-7	2003	10	0
076-1102	2006	2	0	7110-7811	2000	2	0	931-0109	2005	11	0	968-2085-7	2003	11	0
076-1102	2006	3	0	7110-7811	2000	3	0	931-0109	2005	12	0	968-2085-7	2003	12	0
076-1102	2006	4	0	7110-7811	2000	4	2	931-0109	2006	1	0	968-2085-7	2004	1	0
076-1102	2006	5	0	7110-7811	2000	5	0	931-0109	2006	2	0	968-2085-7	2004	2	0
076-1102	2006	6	0	7110-7811	2000	6	0	931-0109	2006	3	0	968-2085-7	2004	3	0
076-1102	2006	7	0	7110-7811	2000	7	10	931-0109	2006	4	0	968-2085-7	2004	4	0
076-1102	2006	8	0	7110-7811	2000	8	0	931-0109	2006	5	0	968-2085-7	2004	5	0
076-1102	2006	9	0	7110-7811	2000	9	0	931-0109	2006	6	0	968-2085-7	2004	6	0
076-1102	2006	10	0	7110-7811	2000	10	5	931-0109	2006	7	0	968-2085-7	2004	7	0
076-1102	2006	11	0	7110-7811	2000	11	0	931-0109	2006	8	0	968-2085-7	2004	8	0
076-1102	2006	12	0	7110-7811	2000	12	0	931-0109	2006	9	0	968-2085-7	2004	9	0
076-1102	2007	1	0	7110-7811	2001	1	0	931-0109	2006	10	1100	968-2085-7	2004	10	0
076-1102	2007	2	0	7110-7811	2001	2	0	931-0109	2006	11	0	968-2085-7	2004	11	0
076-1102	2007	3	0	7110-7811	2001	3	2	931-0109	2006	12	0	968-2085-7	2004	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-1102	2007	4	0	7110-7811	2001	4	2	931-0109	2007	1	0	968-2085-7	2005	1	0
076-1102	2007	5	0	7110-7811	2001	5	10	931-0109	2007	2	0	968-2085-7	2005	2	0
076-1102	2007	6	0	7110-7811	2001	6	0	931-0109	2007	3	0	968-2085-7	2005	3	0
076-1102	2007	7	0	7110-7811	2001	7	6	931-0109	2007	4	1000	968-2085-7	2005	4	0
076-1102	2007	8	0	7110-7811	2001	8	0	931-0109	2007	5	0	968-2085-7	2005	5	0
076-1102	2007	9	0	7110-7811	2001	9	0	931-0109	2007	6	0	968-2085-7	2005	6	0
076-1102	2007	10	0	7110-7811	2001	10	0	931-0109	2007	7	0	968-2085-7	2005	7	0
076-1102	2007	11	0	7110-7811	2001	11	4	931-0109	2007	8	0	968-2085-7	2005	8	0
076-1102	2007	12	0	7110-7811	2001	12	0	931-0109	2007	9	0	968-2085-7	2005	9	0
076-1102	2008	1	0	7110-7811	2002	1	5	931-0109	2007	10	0	968-2085-7	2005	10	0
076-1102	2008	2	0	7110-7811	2002	2	0	931-0109	2007	11	0	968-2085-7	2005	11	0
076-1102	2008	3	0	7110-7811	2002	3	3	931-0109	2007	12	0	968-2085-7	2005	12	0
076-1102	2008	4	0	7110-7811	2002	4	1	931-0109	2008	1	0	968-2085-7	2006	1	0
076-1102	2008	5	0	7110-7811	2002	5	0	931-0109	2008	2	0	968-2085-7	2006	2	0
076-1102	2008	6	30	7110-7811	2002	6	0	931-0109	2008	3	0	968-2085-7	2006	3	0
076-1102	2008	7	0	7110-7811	2002	7	0	931-0109	2008	4	1003	968-2085-7	2006	4	0
076-1102	2008	8	0	7110-7811	2002	8	0	931-0109	2008	5	0	968-2085-7	2006	5	0
076-1102	2008	9	0	7110-7811	2002	9	0	931-0109	2008	6	0	968-2085-7	2006	6	0
076-1102	2008	10	0	7110-7811	2002	10	0	931-0109	2008	7	0	968-2085-7	2006	7	0
076-1102	2008	11	0	7110-7811	2002	11	0	931-0109	2008	8	0	968-2085-7	2006	8	0
076-1102	2008	12	0	7110-7811	2002	12	0	931-0109	2008	9	0	968-2085-7	2006	9	0
076-1102	2009	1	0	7110-7811	2003	1	0	931-0109	2008	10	0	968-2085-7	2006	10	0
076-1102	2009	2	0	7110-7811	2003	2	6	931-0109	2008	11	0	968-2085-7	2006	11	0
076-1102	2009	3	0	7110-7811	2003	3	4	931-0109	2008	12	0	968-2085-7	2006	12	120
076-1402	2002	1	0	7110-7811	2003	4	0	931-0109	2009	1	0	968-2085-7	2007	1	0
076-1402	2002	2	0	7110-7811	2003	5	0	931-0109	2009	2	0	968-2085-7	2007	2	0
076-1402	2002	3	0	7110-7811	2003	6	0	931-0109	2009	3	0	968-2085-7	2007	3	0
076-1402	2002	4	820	7110-7811	2003	7	0	931-0112	1995	1	0	968-2085-7	2007	4	0
076-1402	2002	5	0	7110-7811	2003	8	16	931-0112	1995	2	0	968-2085-7	2007	5	0
076-1402	2002	6	0	7110-7811	2003	9	0	931-0112	1995	3	0	968-2085-7	2007	6	0
076-1402	2002	7	0	7110-7811	2003	10	15	931-0112	1995	4	0	968-2085-7	2007	7	500
076-1402	2002	8	0	7110-7811	2003	11	4	931-0112	1995	5	0	968-2085-7	2007	8	0
076-1402	2002	9	0	7110-7811	2003	12	0	931-0112	1995	6	30	968-2085-7	2007	9	0
076-1402	2002	10	0	7110-7811	2004	1	12	931-0112	1995	7	0	968-2085-7	2007	10	0
076-1402	2002	11	0	7110-7811	2004	2	0	931-0112	1995	8	0	968-2085-7	2007	11	0
076-1402	2002	12	0	7110-7811	2004	3	2	931-0112	1995	9	0	968-2085-7	2007	12	0
076-1402	2003	1	0	7110-7811	2004	4	3	931-0112	1995	10	0	968-2085-7	2008	1	0
076-1402	2003	2	0	7110-7811	2004	5	0	931-0112	1995	11	0	968-2085-7	2008	2	0
076-1402	2003	3	0	7110-7811	2004	6	0	931-0112	1995	12	15	968-2085-7	2008	3	0
076-1402	2003	4	0	7110-7811	2004	7	2	931-0112	1996	1	0	968-2085-7	2008	4	0
076-1402	2003	5	0	7110-7811	2004	8	0	931-0112	1996	2	0	968-2085-7	2008	5	0
076-1402	2003	6	0	7110-7811	2004	9	0	931-0112	1996	3	0	968-2085-7	2008	6	0
076-1402	2003	7	0	7110-7811	2004	10	2	931-0112	1996	4	15	968-2085-7	2008	7	0
076-1402	2003	8	0	7110-7811	2004	11	6	931-0112	1996	5	33	968-2085-7	2008	8	0
076-1402	2003	9	0	7110-7811	2004	12	0	931-0112	1996	6	0	968-2085-7	2008	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-1402	2003	10	0	7110-7811	2005	1	5	931-0112	1996	7	0	968-2085-7	2008	10	400
076-1402	2003	11	0	7110-7811	2005	2	0	931-0112	1996	8	0	968-2085-7	2008	11	0
076-1402	2003	12	0	7110-7811	2005	3	12	931-0112	1996	9	0	968-2085-7	2008	12	0
076-1402	2004	1	0	7110-7811	2005	4	0	931-0112	1996	10	0	968-2085-7	2009	1	0
076-1402	2004	2	0	7110-7811	2005	5	0	931-0112	1996	11	0	968-2085-7	2009	2	0
076-1402	2004	3	0	7110-7811	2005	6	6	931-0112	1996	12	0	968-2085-7	2009	3	0
076-1402	2004	4	0	7110-7811	2005	7	0	931-0112	1997	1	0	9801-0122	2000	1	0
076-1402	2004	5	0	7110-7811	2005	8	7	931-0112	1997	2	0	9801-0122	2000	2	0
076-1402	2004	6	0	7110-7811	2005	9	16	931-0112	1997	3	0	9801-0122	2000	3	0
076-1402	2004	7	0	7110-7811	2005	10	16	931-0112	1997	4	0	9801-0122	2000	4	0
076-1402	2004	8	0	7110-7811	2005	11	0	931-0112	1997	5	0	9801-0122	2000	5	4
076-1402	2004	9	0	7110-7811	2005	12	0	931-0112	1997	6	0	9801-0122	2000	6	0
076-1402	2004	10	0	7110-7811	2006	1	0	931-0112	1997	7	50	9801-0122	2000	7	0
076-1402	2004	11	0	7110-7811	2006	2	0	931-0112	1997	8	0	9801-0122	2000	8	5
076-1402	2004	12	0	7110-7811	2006	3	7	931-0112	1997	9	0	9801-0122	2000	9	0
076-1402	2005	1	0	7110-7811	2006	4	11	931-0112	1997	10	0	9801-0122	2000	10	0
076-1402	2005	2	0	7110-7811	2006	5	0	931-0112	1997	11	0	9801-0122	2000	11	0
076-1402	2005	3	0	7110-7811	2006	6	0	931-0112	1997	12	91	9801-0122	2000	12	0
076-1402	2005	4	0	7110-7811	2006	7	10	931-0112	1998	1	0	9801-0122	2001	1	0
076-1402	2005	5	0	7110-7811	2006	8	0	931-0112	1998	2	0	9801-0122	2001	2	6
076-1402	2005	6	0	7110-7811	2006	9	10	931-0112	1998	3	33	9801-0122	2001	3	1
076-1402	2005	7	0	7110-7811	2006	10	0	931-0112	1998	4	0	9801-0122	2001	4	0
076-1402	2005	8	0	7110-7811	2006	11	1	931-0112	1998	5	0	9801-0122	2001	5	0
076-1402	2005	9	0	7110-7811	2006	12	6	931-0112	1998	6	0	9801-0122	2001	6	0
076-1402	2005	10	0	7110-7811	2007	1	0	931-0112	1998	7	0	9801-0122	2001	7	3
076-1402	2005	11	0	7110-7811	2007	2	0	931-0112	1998	8	0	9801-0122	2001	8	0
076-1402	2005	12	0	7110-7811	2007	3	6	931-0112	1998	9	0	9801-0122	2001	9	0
076-1402	2006	1	0	7110-7811	2007	4	0	931-0112	1998	10	0	9801-0122	2001	10	0
076-1402	2006	2	0	7110-7811	2007	5	31	931-0112	1998	11	0	9801-0122	2001	11	7
076-1402	2006	3	0	7110-7811	2007	6	0	931-0112	1998	12	0	9801-0122	2001	12	0
076-1402	2006	4	0	7110-7811	2007	7	0	931-0112	1999	1	40	9801-0122	2002	1	0
076-1402	2006	5	0	7110-7811	2007	8	21	931-0112	1999	2	0	9801-0122	2002	2	0
076-1402	2006	6	0	7110-7811	2007	9	0	931-0112	1999	3	0	9801-0122	2002	3	0
076-1402	2006	7	0	7110-7811	2007	10	0	931-0112	1999	4	0	9801-0122	2002	4	1
076-1402	2006	8	0	7110-7811	2007	11	1	931-0112	1999	5	0	9801-0122	2002	5	0
076-1402	2006	9	0	7110-7811	2007	12	6	931-0112	1999	6	0	9801-0122	2002	6	0
076-1402	2006	10	0	7110-7811	2008	1	0	931-0112	1999	7	0	9801-0122	2002	7	0
076-1402	2006	11	0	7110-7811	2008	2	10	931-0112	1999	8	0	9801-0122	2002	8	0
076-1402	2006	12	0	7110-7811	2008	3	0	931-0112	1999	9	0	9801-0122	2002	9	0
076-1402	2007	1	0	7110-7811	2008	4	0	931-0112	1999	10	0	9801-0122	2002	10	0
076-1402	2007	2	0	7110-7811	2008	5	0	931-0112	1999	11	50	9801-0122	2002	11	0
076-1402	2007	3	0	7110-7811	2008	6	0	931-0112	1999	12	0	9801-0122	2002	12	0
076-1402	2007	4	0	7110-7811	2008	7	16	931-0112	2000	1	0	9801-0122	2003	1	0
076-1402	2007	5	0	7110-7811	2008	8	0	931-0112	2000	2	0	9801-0122	2003	2	0
076-1402	2007	6	0	7110-7811	2008	9	0	931-0112	2000	3	0	9801-0122	2003	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
076-1402	2007	7	0	7110-7811	2008	10	1	931-0112	2000	4	6	9801-0122	2003	4	0
076-1402	2007	8	0	7110-7811	2008	11	4	931-0112	2000	5	65	9801-0122	2003	5	0
076-1402	2007	9	0	7110-7811	2008	12	0	931-0112	2000	6	0	9801-0122	2003	6	0
076-1402	2007	10	0	7110-7811	2009	1	12	931-0112	2000	7	0	9801-0122	2003	7	0
076-1402	2007	11	0	7110-7811	2009	2	0	931-0112	2000	8	0	9801-0122	2003	8	0
076-1402	2007	12	10	7110-7811	2009	3	0	931-0112	2000	9	0	9801-0122	2003	9	0
076-1402	2008	1	0	7110-8009	1997	1	0	931-0112	2000	10	0	9801-0122	2003	10	0
076-1402	2008	2	0	7110-8009	1997	2	0	931-0112	2000	11	0	9801-0122	2003	11	0
076-1402	2008	3	0	7110-8009	1997	3	0	931-0112	2000	12	20	9801-0122	2003	12	0
076-1402	2008	4	0	7110-8009	1997	4	0	931-0112	2001	1	0	9801-0122	2004	1	0
076-1402	2008	5	0	7110-8009	1997	5	3	931-0112	2001	2	105	9801-0122	2004	2	1
076-1402	2008	6	0	7110-8009	1997	6	0	931-0112	2001	3	0	9801-0122	2004	3	2
076-1402	2008	7	0	7110-8009	1997	7	0	931-0112	2001	4	0	9801-0122	2004	4	0
076-1402	2008	8	0	7110-8009	1997	8	0	931-0112	2001	5	20	9801-0122	2004	5	6
076-1402	2008	9	0	7110-8009	1997	9	2	931-0112	2001	6	0	9801-0122	2004	6	0
076-1402	2008	10	0	7110-8009	1997	10	0	931-0112	2001	7	0	9801-0122	2004	7	1
076-1402	2008	11	0	7110-8009	1997	11	1	931-0112	2001	8	0	9801-0122	2004	8	0
076-1402	2008	12	0	7110-8009	1997	12	0	931-0112	2001	9	0	9801-0122	2004	9	0
076-1402	2009	1	0	7110-8009	1998	1	0	931-0112	2001	10	210	9801-0122	2004	10	0
076-1402	2009	2	0	7110-8009	1998	2	0	931-0112	2001	11	0	9801-0122	2004	11	0
076-1402	2009	3	0	7110-8009	1998	3	0	931-0112	2001	12	0	9801-0122	2004	12	0
079-0136	2000	1	0	7110-8009	1998	4	0	931-0112	2002	1	20	9801-0122	2005	1	4
079-0136	2000	2	0	7110-8009	1998	5	0	931-0112	2002	2	0	9801-0122	2005	2	0
079-0136	2000	3	0	7110-8009	1998	6	0	931-0112	2002	3	0	9801-0122	2005	3	0
079-0136	2000	4	15	7110-8009	1998	7	0	931-0112	2002	4	1115	9801-0122	2005	4	0
079-0136	2000	5	0	7110-8009	1998	8	10	931-0112	2002	5	0	9801-0122	2005	5	0
079-0136	2000	6	0	7110-8009	1998	9	3	931-0112	2002	6	0	9801-0122	2005	6	0
079-0136	2000	7	0	7110-8009	1998	10	0	931-0112	2002	7	0	9801-0122	2005	7	0
079-0136	2000	8	12	7110-8009	1998	11	0	931-0112	2002	8	0	9801-0122	2005	8	0
079-0136	2000	9	0	7110-8009	1998	12	0	931-0112	2002	9	0	9801-0122	2005	9	0
079-0136	2000	10	15	7110-8009	1999	1	20	931-0112	2002	10	0	9801-0122	2005	10	0
079-0136	2000	11	0	7110-8009	1999	2	1	931-0112	2002	11	0	9801-0122	2005	11	0
079-0136	2000	12	0	7110-8009	1999	3	0	931-0112	2002	12	0	9801-0122	2005	12	0
079-0136	2001	1	0	7110-8009	1999	4	0	931-0112	2003	1	0	9801-0122	2006	1	0
079-0136	2001	2	0	7110-8009	1999	5	0	931-0112	2003	2	0	9801-0122	2006	2	0
079-0136	2001	3	0	7110-8009	1999	6	0	931-0112	2003	3	0	9801-0122	2006	3	0
079-0136	2001	4	0	7110-8009	1999	7	0	931-0112	2003	4	90	9801-0122	2006	4	0
079-0136	2001	5	100	7110-8009	1999	8	0	931-0112	2003	5	0	9801-0122	2006	5	0
079-0136	2001	6	0	7110-8009	1999	9	1	931-0112	2003	6	0	9801-0122	2006	6	0
079-0136	2001	7	0	7110-8009	1999	10	0	931-0112	2003	7	0	9801-0122	2006	7	1
079-0136	2001	8	0	7110-8009	1999	11	0	931-0112	2003	8	0	9801-0122	2006	8	0
079-0136	2001	9	0	7110-8009	1999	12	2	931-0112	2003	9	0	9801-0122	2006	9	0
079-0136	2001	10	0	7110-8009	2000	1	0	931-0112	2003	10	0	9801-0122	2006	10	1
079-0136	2001	11	0	7110-8009	2000	2	0	931-0112	2003	11	0	9801-0122	2006	11	0
079-0136	2001	12	0	7110-8009	2000	3	0	931-0112	2003	12	0	9801-0122	2006	12	3

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0136	2002	1	0	7110-8009	2000	4	0	931-0112	2004	1	108	9801-0122	2007	1	0
079-0136	2002	2	0	7110-8009	2000	5	0	931-0112	2004	2	0	9801-0122	2007	2	0
079-0136	2002	3	0	7110-8009	2000	6	0	931-0112	2004	3	0	9801-0122	2007	3	0
079-0136	2002	4	0	7110-8009	2000	7	0	931-0112	2004	4	0	9801-0122	2007	4	0
079-0136	2002	5	0	7110-8009	2000	8	1	931-0112	2004	5	0	9801-0122	2007	5	0
079-0136	2002	6	0	7110-8009	2000	9	25	931-0112	2004	6	0	9801-0122	2007	6	0
079-0136	2002	7	0	7110-8009	2000	10	0	931-0112	2004	7	0	9801-0122	2007	7	0
079-0136	2002	8	0	7110-8009	2000	11	0	931-0112	2004	8	170	9801-0122	2007	8	0
079-0136	2002	9	101	7110-8009	2000	12	0	931-0112	2004	9	0	9801-0122	2007	9	0
079-0136	2002	10	0	7110-8009	2001	1	100	931-0112	2004	10	0	9801-0122	2007	10	45
079-0136	2002	11	0	7110-8009	2001	2	1	931-0112	2004	11	0	9801-0122	2007	11	0
079-0136	2002	12	0	7110-8009	2001	3	0	931-0112	2004	12	0	9801-0122	2007	12	0
079-0136	2003	1	0	7110-8009	2001	4	0	931-0112	2005	1	0	9801-0122	2008	1	0
079-0136	2003	2	0	7110-8009	2001	5	0	931-0112	2005	2	0	9801-0122	2008	2	0
079-0136	2003	3	0	7110-8009	2001	6	0	931-0112	2005	3	0	9801-0122	2008	3	0
079-0136	2003	4	0	7110-8009	2001	7	0	931-0112	2005	4	0	9801-0122	2008	4	0
079-0136	2003	5	0	7110-8009	2001	8	0	931-0112	2005	5	0	9801-0122	2008	5	77
079-0136	2003	6	0	7110-8009	2001	9	0	931-0112	2005	6	10	9801-0122	2008	6	0
079-0136	2003	7	101	7110-8009	2001	10	0	931-0112	2005	7	0	9801-0122	2008	7	0
079-0136	2003	8	0	7110-8009	2001	11	0	931-0112	2005	8	0	9801-0122	2008	8	6
079-0136	2003	9	0	7110-8009	2001	12	0	931-0112	2005	9	0	9801-0122	2008	9	0
079-0136	2003	10	0	7110-8009	2002	1	0	931-0112	2005	10	0	9801-0122	2008	10	30
079-0136	2003	11	200	7110-8009	2002	2	0	931-0112	2005	11	0	9801-0122	2008	11	0
079-0136	2003	12	0	7110-8009	2002	3	0	931-0112	2005	12	0	9801-0122	2008	12	40
079-0136	2004	1	0	7110-8009	2002	4	0	931-0112	2006	1	0	9801-0122	2009	1	0
079-0136	2004	2	0	7110-8009	2002	5	0	931-0112	2006	2	0	9801-0122	2009	2	0
079-0136	2004	3	0	7110-8009	2002	6	0	931-0112	2006	3	0	9801-0122	2009	3	0
079-0136	2004	4	0	7110-8009	2002	7	0	931-0112	2006	4	0	9801-1337	2000	1	0
079-0136	2004	5	0	7110-8009	2002	8	0	931-0112	2006	5	0	9801-1337	2000	2	0
079-0136	2004	6	0	7110-8009	2002	9	0	931-0112	2006	6	0	9801-1337	2000	3	0
079-0136	2004	7	0	7110-8009	2002	10	0	931-0112	2006	7	0	9801-1337	2000	4	0
079-0136	2004	8	0	7110-8009	2002	11	0	931-0112	2006	8	0	9801-1337	2000	5	0
079-0136	2004	9	0	7110-8009	2002	12	0	931-0112	2006	9	0	9801-1337	2000	6	0
079-0136	2004	10	0	7110-8009	2003	1	0	931-0112	2006	10	100	9801-1337	2000	7	0
079-0136	2004	11	0	7110-8009	2003	2	10	931-0112	2006	11	0	9801-1337	2000	8	5
079-0136	2004	12	0	7110-8009	2003	3	0	931-0112	2006	12	0	9801-1337	2000	9	0
079-0136	2005	1	0	7110-8009	2003	4	0	931-0112	2007	1	0	9801-1337	2000	10	0
079-0136	2005	2	0	7110-8009	2003	5	0	931-0112	2007	2	0	9801-1337	2000	11	0
079-0136	2005	3	0	7110-8009	2003	6	53	931-0112	2007	3	0	9801-1337	2000	12	0
079-0136	2005	4	0	7110-8009	2003	7	0	931-0112	2007	4	0	9801-1337	2001	1	0
079-0136	2005	5	0	7110-8009	2003	8	0	931-0112	2007	5	0	9801-1337	2001	2	0
079-0136	2005	6	0	7110-8009	2003	9	0	931-0112	2007	6	0	9801-1337	2001	3	100
079-0136	2005	7	0	7110-8009	2003	10	16	931-0112	2007	7	110	9801-1337	2001	4	0
079-0136	2005	8	0	7110-8009	2003	11	0	931-0112	2007	8	0	9801-1337	2001	5	0
079-0136	2005	9	0	7110-8009	2003	12	0	931-0112	2007	9	0	9801-1337	2001	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0136	2005	10	0	7110-8009	2004	1	0	931-0112	2007	10	0	9801-1337	2001	7	0
079-0136	2005	11	0	7110-8009	2004	2	0	931-0112	2007	11	0	9801-1337	2001	8	0
079-0136	2005	12	0	7110-8009	2004	3	10	931-0112	2007	12	0	9801-1337	2001	9	0
079-0136	2006	1	0	7110-8009	2004	4	0	931-0112	2008	1	0	9801-1337	2001	10	0
079-0136	2006	2	0	7110-8009	2004	5	20	931-0112	2008	2	0	9801-1337	2001	11	0
079-0136	2006	3	0	7110-8009	2004	6	0	931-0112	2008	3	0	9801-1337	2001	12	0
079-0136	2006	4	0	7110-8009	2004	7	0	931-0112	2008	4	0	9801-1337	2002	1	0
079-0136	2006	5	0	7110-8009	2004	8	0	931-0112	2008	5	0	9801-1337	2002	2	0
079-0136	2006	6	0	7110-8009	2004	9	20	931-0112	2008	6	0	9801-1337	2002	3	0
079-0136	2006	7	0	7110-8009	2004	10	0	931-0112	2008	7	0	9801-1337	2002	4	0
079-0136	2006	8	0	7110-8009	2004	11	0	931-0112	2008	8	0	9801-1337	2002	5	0
079-0136	2006	9	0	7110-8009	2004	12	0	931-0112	2008	9	0	9801-1337	2002	6	0
079-0136	2006	10	0	7110-8009	2005	1	25	931-0112	2008	10	10	9801-1337	2002	7	0
079-0136	2006	11	0	7110-8009	2005	2	10	931-0112	2008	11	0	9801-1337	2002	8	0
079-0136	2006	12	0	7110-8009	2005	3	0	931-0112	2008	12	0	9801-1337	2002	9	0
079-0136	2007	1	0	7110-8009	2005	4	0	931-0112	2009	1	0	9801-1337	2002	10	0
079-0136	2007	2	0	7110-8009	2005	5	25	931-0112	2009	2	0	9801-1337	2002	11	0
079-0136	2007	3	0	7110-8009	2005	6	0	931-0112	2009	3	0	9801-1337	2002	12	0
079-0136	2007	4	0	7110-8009	2005	7	1	931-0405	1996	1	0	9801-1337	2003	1	0
079-0136	2007	5	0	7110-8009	2005	8	0	931-0405	1996	2	0	9801-1337	2003	2	0
079-0136	2007	6	0	7110-8009	2005	9	25	931-0405	1996	3	50	9801-1337	2003	3	0
079-0136	2007	7	60	7110-8009	2005	10	32	931-0405	1996	4	0	9801-1337	2003	4	0
079-0136	2007	8	0	7110-8009	2005	11	0	931-0405	1996	5	0	9801-1337	2003	5	0
079-0136	2007	9	0	7110-8009	2005	12	2	931-0405	1996	6	0	9801-1337	2003	6	0
079-0136	2007	10	0	7110-8009	2006	1	27	931-0405	1996	7	0	9801-1337	2003	7	0
079-0136	2007	11	0	7110-8009	2006	2	0	931-0405	1996	8	0	9801-1337	2003	8	0
079-0136	2007	12	0	7110-8009	2006	3	6	931-0405	1996	9	0	9801-1337	2003	9	0
079-0136	2008	1	0	7110-8009	2006	4	29	931-0405	1996	10	0	9801-1337	2003	10	0
079-0136	2008	2	0	7110-8009	2006	5	0	931-0405	1996	11	0	9801-1337	2003	11	0
079-0136	2008	3	0	7110-8009	2006	6	0	931-0405	1996	12	0	9801-1337	2003	12	0
079-0136	2008	4	0	7110-8009	2006	7	51	931-0405	1997	1	0	9801-1337	2004	1	0
079-0136	2008	5	0	7110-8009	2006	8	0	931-0405	1997	2	0	9801-1337	2004	2	0
079-0136	2008	6	0	7110-8009	2006	9	43	931-0405	1997	3	0	9801-1337	2004	3	0
079-0136	2008	7	0	7110-8009	2006	10	3	931-0405	1997	4	0	9801-1337	2004	4	0
079-0136	2008	8	0	7110-8009	2006	11	51	931-0405	1997	5	0	9801-1337	2004	5	0
079-0136	2008	9	0	7110-8009	2006	12	0	931-0405	1997	6	0	9801-1337	2004	6	0
079-0136	2008	10	0	7110-8009	2007	1	0	931-0405	1997	7	0	9801-1337	2004	7	0
079-0136	2008	11	0	7110-8009	2007	2	12	931-0405	1997	8	0	9801-1337	2004	8	0
079-0136	2008	12	0	7110-8009	2007	3	37	931-0405	1997	9	0	9801-1337	2004	9	0
079-0136	2009	1	0	7110-8009	2007	4	3	931-0405	1997	10	50	9801-1337	2004	10	0
079-0136	2009	2	0	7110-8009	2007	5	14	931-0405	1997	11	0	9801-1337	2004	11	0
079-0136	2009	3	0	7110-8009	2007	6	0	931-0405	1997	12	0	9801-1337	2004	12	0
079-0140	1996	1	0	7110-8009	2007	7	12	931-0405	1998	1	0	9801-1337	2005	1	0
079-0140	1996	2	0	7110-8009	2007	8	5	931-0405	1998	2	0	9801-1337	2005	2	0
079-0140	1996	3	0	7110-8009	2007	9	4	931-0405	1998	3	0	9801-1337	2005	3	5

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0140	1996	4	0	7110-8009	2007	10	0	931-0405	1998	4	0	9801-1337	2005	4	0
079-0140	1996	5	0	7110-8009	2007	11	32	931-0405	1998	5	0	9801-1337	2005	5	0
079-0140	1996	6	0	7110-8009	2007	12	30	931-0405	1998	6	0	9801-1337	2005	6	0
079-0140	1996	7	0	7110-8009	2008	1	0	931-0405	1998	7	0	9801-1337	2005	7	0
079-0140	1996	8	0	7110-8009	2008	2	6	931-0405	1998	8	55	9801-1337	2005	8	0
079-0140	1996	9	0	7110-8009	2008	3	0	931-0405	1998	9	0	9801-1337	2005	9	1
079-0140	1996	10	2	7110-8009	2008	4	64	931-0405	1998	10	0	9801-1337	2005	10	0
079-0140	1996	11	3	7110-8009	2008	5	0	931-0405	1998	11	0	9801-1337	2005	11	0
079-0140	1996	12	5	7110-8009	2008	6	0	931-0405	1998	12	0	9801-1337	2005	12	0
079-0140	1997	1	3	7110-8009	2008	7	0	931-0405	1999	1	0	9801-1337	2006	1	0
079-0140	1997	2	0	7110-8009	2008	8	0	931-0405	1999	2	0	9801-1337	2006	2	0
079-0140	1997	3	4	7110-8009	2008	9	36	931-0405	1999	3	0	9801-1337	2006	3	0
079-0140	1997	4	0	7110-8009	2008	10	26	931-0405	1999	4	0	9801-1337	2006	4	0
079-0140	1997	5	0	7110-8009	2008	11	15	931-0405	1999	5	0	9801-1337	2006	5	0
079-0140	1997	6	2	7110-8009	2008	12	0	931-0405	1999	6	0	9801-1337	2006	6	0
079-0140	1997	7	66	7110-8009	2009	1	0	931-0405	1999	7	100	9801-1337	2006	7	0
079-0140	1997	8	21	7110-8009	2009	2	0	931-0405	1999	8	0	9801-1337	2006	8	0
079-0140	1997	9	5	7110-8009	2009	3	0	931-0405	1999	9	102	9801-1337	2006	9	0
079-0140	1997	10	33	827-0100	1995	1	0	931-0405	1999	10	0	9801-1337	2006	10	3
079-0140	1997	11	3	827-0100	1995	2	88	931-0405	1999	11	0	9801-1337	2006	11	1
079-0140	1997	12	0	827-0100	1995	3	36	931-0405	1999	12	0	9801-1337	2006	12	0
079-0140	1998	1	0	827-0100	1995	4	0	931-0405	2000	1	0	9801-1337	2007	1	0
079-0140	1998	2	0	827-0100	1995	5	9	931-0405	2000	2	0	9801-1337	2007	2	0
079-0140	1998	3	0	827-0100	1995	6	169	931-0405	2000	3	0	9801-1337	2007	3	0
079-0140	1998	4	0	827-0100	1995	7	54	931-0405	2000	4	27	9801-1337	2007	4	0
079-0140	1998	5	2	827-0100	1995	8	89	931-0405	2000	5	0	9801-1337	2007	5	0
079-0140	1998	6	10	827-0100	1995	9	153	931-0405	2000	6	0	9801-1337	2007	6	0
079-0140	1998	7	11	827-0100	1995	10	44	931-0405	2000	7	0	9801-1337	2007	7	0
079-0140	1998	8	5	827-0100	1995	11	65	931-0405	2000	8	0	9801-1337	2007	8	0
079-0140	1998	9	10	827-0100	1995	12	10	931-0405	2000	9	0	9801-1337	2007	9	0
079-0140	1998	10	0	827-0100	1996	1	74	931-0405	2000	10	100	9801-1337	2007	10	1
079-0140	1998	11	0	827-0100	1996	2	200	931-0405	2000	11	30	9801-1337	2007	11	0
079-0140	1998	12	0	827-0100	1996	3	94	931-0405	2000	12	0	9801-1337	2007	12	0
079-0140	1999	1	0	827-0100	1996	4	353	931-0405	2001	1	0	9801-1337	2008	1	0
079-0140	1999	2	0	827-0100	1996	5	159	931-0405	2001	2	0	9801-1337	2008	2	0
079-0140	1999	3	0	827-0100	1996	6	12	931-0405	2001	3	0	9801-1337	2008	3	0
079-0140	1999	4	25	827-0100	1996	7	204	931-0405	2001	4	0	9801-1337	2008	4	0
079-0140	1999	5	0	827-0100	1996	8	23	931-0405	2001	5	0	9801-1337	2008	5	0
079-0140	1999	6	0	827-0100	1996	9	44	931-0405	2001	6	0	9801-1337	2008	6	0
079-0140	1999	7	5	827-0100	1996	10	285	931-0405	2001	7	0	9801-1337	2008	7	0
079-0140	1999	8	0	827-0100	1996	11	349	931-0405	2001	8	0	9801-1337	2008	8	0
079-0140	1999	9	0	827-0100	1996	12	40	931-0405	2001	9	0	9801-1337	2008	9	0
079-0140	1999	10	10	827-0100	1997	1	2	931-0405	2001	10	0	9801-1337	2008	10	0
079-0140	1999	11	0	827-0100	1997	2	2	931-0405	2001	11	0	9801-1337	2008	11	0
079-0140	1999	12	0	827-0100	1997	3	0	931-0405	2001	12	0	9801-1337	2008	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0140	2000	1	0	827-0100	1997	4	74	931-0405	2002	1	0	9801-1337	2009	1	0
079-0140	2000	2	0	827-0100	1997	5	14	931-0405	2002	2	100	9801-1337	2009	2	0
079-0140	2000	3	0	827-0100	1997	6	11	931-0405	2002	3	0	9801-1337	2009	3	0
079-0140	2000	4	0	827-0100	1997	7	89	931-0405	2002	4	0	9801-1374	2000	1	0
079-0140	2000	5	10	827-0100	1997	8	26	931-0405	2002	5	0	9801-1374	2000	2	0
079-0140	2000	6	0	827-0100	1997	9	64	931-0405	2002	6	0	9801-1374	2000	3	0
079-0140	2000	7	0	827-0100	1997	10	4	931-0405	2002	7	0	9801-1374	2000	4	0
079-0140	2000	8	0	827-0100	1997	11	12	931-0405	2002	8	0	9801-1374	2000	5	0
079-0140	2000	9	10	827-0100	1997	12	0	931-0405	2002	9	100	9801-1374	2000	6	10
079-0140	2000	10	0	827-0100	1998	1	4	931-0405	2002	10	0	9801-1374	2000	7	0
079-0140	2000	11	0	827-0100	1998	2	0	931-0405	2002	11	0	9801-1374	2000	8	0
079-0140	2000	12	0	827-0100	1998	3	5	931-0405	2002	12	0	9801-1374	2000	9	0
079-0140	2001	1	0	827-0100	1998	4	2	931-0405	2003	1	36	9801-1374	2000	10	0
079-0140	2001	2	0	827-0100	1998	5	3	931-0405	2003	2	0	9801-1374	2000	11	0
079-0140	2001	3	0	827-0100	1998	6	62	931-0405	2003	3	0	9801-1374	2000	12	0
079-0140	2001	4	0	827-0100	1998	7	8	931-0405	2003	4	0	9801-1374	2001	1	0
079-0140	2001	5	0	827-0100	1998	8	15	931-0405	2003	5	0	9801-1374	2001	2	0
079-0140	2001	6	0	827-0100	1998	9	6	931-0405	2003	6	0	9801-1374	2001	3	0
079-0140	2001	7	0	827-0100	1998	10	20	931-0405	2003	7	0	9801-1374	2001	4	0
079-0140	2001	8	26	827-0100	1998	11	23	931-0405	2003	8	0	9801-1374	2001	5	0
079-0140	2001	9	0	827-0100	1998	12	8	931-0405	2003	9	0	9801-1374	2001	6	0
079-0140	2001	10	0	827-0100	1999	1	25	931-0405	2003	10	0	9801-1374	2001	7	0
079-0140	2001	11	0	827-0100	1999	2	8	931-0405	2003	11	0	9801-1374	2001	8	0
079-0140	2001	12	0	827-0100	1999	3	8	931-0405	2003	12	100	9801-1374	2001	9	0
079-0140	2002	1	0	827-0100	1999	4	21	931-0405	2004	1	7	9801-1374	2001	10	0
079-0140	2002	2	0	827-0100	1999	5	56	931-0405	2004	2	0	9801-1374	2001	11	58
079-0140	2002	3	0	827-0100	1999	6	7	931-0405	2004	3	0	9801-1374	2001	12	2
079-0140	2002	4	0	827-0100	1999	7	25	931-0405	2004	4	0	9801-1374	2002	1	0
079-0140	2002	5	0	827-0100	1999	8	0	931-0405	2004	5	0	9801-1374	2002	2	0
079-0140	2002	6	0	827-0100	1999	9	105	931-0405	2004	6	0	9801-1374	2002	3	0
079-0140	2002	7	0	827-0100	1999	10	0	931-0405	2004	7	0	9801-1374	2002	4	0
079-0140	2002	8	0	827-0100	1999	11	74	931-0405	2004	8	0	9801-1374	2002	5	0
079-0140	2002	9	0	827-0100	1999	12	10	931-0405	2004	9	200	9801-1374	2002	6	0
079-0140	2002	10	0	827-0100	2000	1	21	931-0405	2004	10	0	9801-1374	2002	7	0
079-0140	2002	11	0	827-0100	2000	2	6	931-0405	2004	11	0	9801-1374	2002	8	0
079-0140	2002	12	0	827-0100	2000	3	2	931-0405	2004	12	0	9801-1374	2002	9	0
079-0140	2003	1	0	827-0100	2000	4	10	931-0405	2005	1	0	9801-1374	2002	10	0
079-0140	2003	2	0	827-0100	2000	5	0	931-0405	2005	2	0	9801-1374	2002	11	0
079-0140	2003	3	0	827-0100	2000	6	6	931-0405	2005	3	0	9801-1374	2002	12	0
079-0140	2003	4	0	827-0100	2000	7	29	931-0405	2005	4	0	9801-1374	2003	1	0
079-0140	2003	5	0	827-0100	2000	8	4	931-0405	2005	5	0	9801-1374	2003	2	0
079-0140	2003	6	0	827-0100	2000	9	1	931-0405	2005	6	0	9801-1374	2003	3	0
079-0140	2003	7	0	827-0100	2000	10	0	931-0405	2005	7	0	9801-1374	2003	4	0
079-0140	2003	8	0	827-0100	2000	11	0	931-0405	2005	8	0	9801-1374	2003	5	0
079-0140	2003	9	0	827-0100	2000	12	0	931-0405	2005	9	0	9801-1374	2003	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0140	2003	10	0	827-0100	2001	1	3	931-0405	2005	10	5	9801-1374	2003	7	0
079-0140	2003	11	0	827-0100	2001	2	14	931-0405	2005	11	0	9801-1374	2003	8	0
079-0140	2003	12	0	827-0100	2001	3	9	931-0405	2005	12	0	9801-1374	2003	9	0
079-0140	2004	1	0	827-0100	2001	4	0	931-0405	2006	1	12	9801-1374	2003	10	0
079-0140	2004	2	0	827-0100	2001	5	5	931-0405	2006	2	125	9801-1374	2003	11	0
079-0140	2004	3	0	827-0100	2001	6	6	931-0405	2006	3	0	9801-1374	2003	12	0
079-0140	2004	4	0	827-0100	2001	7	2	931-0405	2006	4	0	9801-1374	2004	1	0
079-0140	2004	5	0	827-0100	2001	8	2	931-0405	2006	5	0	9801-1374	2004	2	0
079-0140	2004	6	0	827-0100	2001	9	3	931-0405	2006	6	0	9801-1374	2004	3	0
079-0140	2004	7	0	827-0100	2001	10	16	931-0405	2006	7	0	9801-1374	2004	4	0
079-0140	2004	8	0	827-0100	2001	11	5	931-0405	2006	8	0	9801-1374	2004	5	0
079-0140	2004	9	0	827-0100	2001	12	0	931-0405	2006	9	10	9801-1374	2004	6	0
079-0140	2004	10	0	827-0100	2002	1	1	931-0405	2006	10	0	9801-1374	2004	7	0
079-0140	2004	11	0	827-0100	2002	2	9	931-0405	2006	11	0	9801-1374	2004	8	0
079-0140	2004	12	0	827-0100	2002	3	0	931-0405	2006	12	0	9801-1374	2004	9	0
079-0140	2005	1	0	827-0100	2002	4	0	931-0405	2007	1	0	9801-1374	2004	10	0
079-0140	2005	2	0	827-0100	2002	5	0	931-0405	2007	2	0	9801-1374	2004	11	0
079-0140	2005	3	0	827-0100	2002	6	6	931-0405	2007	3	0	9801-1374	2004	12	0
079-0140	2005	4	0	827-0100	2002	7	0	931-0405	2007	4	0	9801-1374	2005	1	0
079-0140	2005	5	0	827-0100	2002	8	0	931-0405	2007	5	0	9801-1374	2005	2	0
079-0140	2005	6	0	827-0100	2002	9	6	931-0405	2007	6	0	9801-1374	2005	3	11
079-0140	2005	7	0	827-0100	2002	10	3	931-0405	2007	7	200	9801-1374	2005	4	0
079-0140	2005	8	0	827-0100	2002	11	3	931-0405	2007	8	15	9801-1374	2005	5	0
079-0140	2005	9	0	827-0100	2002	12	3	931-0405	2007	9	0	9801-1374	2005	6	0
079-0140	2005	10	0	827-0100	2003	1	7	931-0405	2007	10	0	9801-1374	2005	7	0
079-0140	2005	11	0	827-0100	2003	2	0	931-0405	2007	11	26	9801-1374	2005	8	0
079-0140	2005	12	0	827-0100	2003	3	31	931-0405	2007	12	120	9801-1374	2005	9	6
079-0140	2006	1	0	827-0100	2003	4	2	931-0405	2008	1	0	9801-1374	2005	10	0
079-0140	2006	2	0	827-0100	2003	5	5	931-0405	2008	2	0	9801-1374	2005	11	0
079-0140	2006	3	0	827-0100	2003	6	3	931-0405	2008	3	6	9801-1374	2005	12	0
079-0140	2006	4	0	827-0100	2003	7	6	931-0406	1998	1	0	9801-1374	2006	1	0
079-0140	2006	5	0	827-0100	2003	8	52	931-0406	1998	2	100	9801-1374	2006	2	0
079-0140	2006	6	0	827-0100	2003	9	0	931-0406	1998	3	0	9801-1374	2006	3	0
079-0140	2006	7	0	827-0100	2003	10	2	931-0406	1998	4	0	9801-1374	2006	4	0
079-0140	2006	8	0	827-0100	2003	11	15	931-0406	1998	5	0	9801-1374	2006	5	0
079-0140	2006	9	0	827-0100	2003	12	2	931-0406	1998	6	0	9801-1374	2006	6	0
079-0140	2006	10	51	827-0100	2004	1	4	931-0406	1998	7	0	9801-1374	2006	7	0
079-0140	2006	11	0	827-0100	2004	2	8	931-0406	1998	8	0	9801-1374	2006	8	0
079-0140	2006	12	76	827-0100	2004	3	8	931-0406	1998	9	0	9801-1374	2006	9	0
079-0140	2007	1	0	827-0100	2004	4	1	931-0406	1998	10	100	9801-1374	2006	10	0
079-0140	2007	2	0	827-0100	2004	5	12	931-0406	1998	11	0	9801-1374	2006	11	0
079-0140	2007	3	10	827-0100	2004	6	43	931-0406	1998	12	1	9801-1374	2006	12	0
079-0140	2007	4	0	827-0100	2004	7	0	931-0406	1999	1	0	9801-1374	2007	1	0
079-0140	2007	5	0	827-0100	2004	8	8	931-0406	1999	2	0	9801-1374	2007	2	0
079-0140	2007	6	0	827-0100	2004	9	40	931-0406	1999	3	0	9801-1374	2007	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0140	2007	7	0	827-0100	2004	10	0	931-0406	1999	4	0	9801-1374	2007	4	0
079-0140	2007	8	25	827-0100	2004	11	0	931-0406	1999	5	0	9801-1374	2007	5	0
079-0140	2007	9	0	827-0100	2004	12	0	931-0406	1999	6	100	9801-1374	2007	6	0
079-0140	2007	10	0	827-0100	2005	1	0	931-0406	1999	7	0	9801-1374	2007	7	0
079-0140	2007	11	0	827-0100	2005	2	0	931-0406	1999	8	76	9801-1374	2007	8	0
079-0140	2007	12	0	827-0100	2005	3	0	931-0406	1999	9	0	9801-1374	2007	9	0
079-0140	2008	1	0	827-0100	2005	4	2	931-0406	1999	10	0	9801-1374	2007	10	0
079-0140	2008	2	25	827-0100	2005	5	6	931-0406	1999	11	0	9801-1374	2007	11	0
079-0140	2008	3	120	827-0100	2005	6	6	931-0406	1999	12	0	9801-1374	2007	12	0
079-0140	2008	4	125	827-0100	2005	7	48	931-0406	2000	1	0	9801-1374	2008	1	0
079-0140	2008	5	0	827-0100	2005	8	4	931-0406	2000	2	0	9801-1374	2008	2	0
079-0140	2008	6	0	827-0100	2005	9	6	931-0406	2000	3	135	9801-1374	2008	3	15
079-0140	2008	7	0	827-0100	2005	10	0	931-0406	2000	4	4	9801-1374	2008	4	0
079-0140	2008	8	0	827-0100	2005	11	0	931-0406	2000	5	0	9801-1374	2008	5	0
079-0140	2008	9	0	827-0100	2005	12	73	931-0406	2000	6	0	9801-1374	2008	6	0
079-0140	2008	10	0	827-0100	2006	1	4	931-0406	2000	7	0	9801-1374	2008	7	20
079-0140	2008	11	0	827-0100	2006	2	2	931-0406	2000	8	0	9801-1374	2008	8	0
079-0140	2008	12	0	827-0100	2006	3	2	931-0406	2000	9	0	9801-1374	2008	9	0
079-0140	2009	1	0	827-0100	2006	4	3	931-0406	2000	10	6	9801-1374	2008	10	0
079-0140	2009	2	0	827-0100	2006	5	0	931-0406	2000	11	0	9801-1374	2008	11	0
079-0140	2009	3	0	827-0100	2006	6	0	931-0406	2000	12	0	9801-1374	2008	12	0
079-0141	1997	1	0	827-0100	2006	7	6	931-0406	2001	1	0	9801-1374	2009	1	90
079-0141	1997	2	70	827-0100	2006	8	2	931-0406	2001	2	0	9801-1374	2009	2	0
079-0141	1997	3	107	827-0100	2006	9	4	931-0406	2001	3	0	9801-1374	2009	3	0
079-0141	1997	4	0	827-0100	2006	10	0	931-0406	2001	4	0	9801-1376	2002	1	0
079-0141	1997	5	0	827-0100	2006	11	0	931-0406	2001	5	10	9801-1376	2002	2	0
079-0141	1997	6	0	827-0100	2006	12	0	931-0406	2001	6	0	9801-1376	2002	3	0
079-0141	1997	7	35	827-0100	2007	1	4	931-0406	2001	7	0	9801-1376	2002	4	0
079-0141	1997	8	15	827-0100	2007	2	0	931-0406	2001	8	134	9801-1376	2002	5	0
079-0141	1997	9	0	827-0100	2007	3	2	931-0406	2001	9	10	9801-1376	2002	6	0
079-0141	1997	10	0	827-0100	2007	4	0	931-0406	2001	10	0	9801-1376	2002	7	4
079-0141	1997	11	0	827-0100	2007	5	3	931-0406	2001	11	0	9801-1376	2002	8	0
079-0141	1997	12	37	827-0100	2007	6	27	931-0406	2001	12	0	9801-1376	2002	9	0
079-0141	1998	1	0	827-0100	2007	7	21	931-0406	2002	1	0	9801-1376	2002	10	0
079-0141	1998	2	65	827-0100	2007	8	0	931-0406	2002	2	0	9801-1376	2002	11	0
079-0141	1998	3	0	827-0100	2007	9	50	931-0406	2002	3	140	9801-1376	2002	12	0
079-0141	1998	4	0	827-0100	2007	10	8	931-0406	2002	4	663	9801-1376	2003	1	0
079-0141	1998	5	2	827-0100	2007	11	0	931-0406	2002	5	0	9801-1376	2003	2	0
079-0141	1998	6	0	827-0100	2007	12	2	931-0406	2002	6	2	9801-1376	2003	3	0
079-0141	1998	7	0	827-0100	2008	1	10	931-0406	2002	7	0	9801-1376	2003	4	0
079-0141	1998	8	50	827-0100	2008	2	3	931-0406	2002	8	0	9801-1376	2003	5	0
079-0141	1998	9	50	827-0100	2008	3	10	931-0406	2002	9	0	9801-1376	2003	6	1
079-0141	1998	10	0	827-0100	2008	4	2	931-0406	2002	10	0	9801-1376	2003	7	0
079-0141	1998	11	6	827-0100	2008	5	0	931-0406	2002	11	0	9801-1376	2003	8	0
079-0141	1998	12	0	827-0100	2008	6	0	931-0406	2002	12	0	9801-1376	2003	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0141	1999	1	150	827-0100	2008	7	3	931-0406	2003	1	0	9801-1376	2003	10	0
079-0141	1999	2	3	827-0100	2008	8	0	931-0406	2003	2	0	9801-1376	2003	11	0
079-0141	1999	3	3	827-0100	2008	9	16	931-0406	2003	3	0	9801-1376	2003	12	0
079-0141	1999	4	0	827-0100	2008	10	0	931-0406	2003	4	5	9801-1376	2004	1	0
079-0141	1999	5	0	827-0100	2008	11	2	931-0406	2003	5	0	9801-1376	2004	2	0
079-0141	1999	6	0	827-0100	2008	12	10	931-0406	2003	6	0	9801-1376	2004	3	0
079-0141	1999	7	0	827-0100	2009	1	0	931-0406	2003	7	0	9801-1376	2004	4	0
079-0141	1999	8	0	827-0100	2009	2	0	931-0406	2003	8	0	9801-1376	2004	5	0
079-0141	1999	9	2	827-0100	2009	3	0	931-0406	2003	9	0	9801-1376	2004	6	0
079-0141	1999	10	0	827-1306	1995	1	0	931-0406	2003	10	0	9801-1376	2004	7	0
079-0141	1999	11	92	827-1306	1995	2	0	931-0406	2003	11	75	9801-1376	2004	8	0
079-0141	1999	12	6	827-1306	1995	3	0	931-0406	2003	12	0	9801-1376	2004	9	0
079-0141	2000	1	0	827-1306	1995	4	0	931-0406	2004	1	0	9801-1376	2004	10	0
079-0141	2000	2	12	827-1306	1995	5	0	931-0406	2004	2	0	9801-1376	2004	11	0
079-0141	2000	3	0	827-1306	1995	6	4	931-0406	2004	3	0	9801-1376	2004	12	1
079-0141	2000	4	201	827-1306	1995	7	9	931-0406	2004	4	0	9801-1376	2005	1	0
079-0141	2000	5	0	827-1306	1995	8	0	931-0406	2004	5	120	9801-1376	2005	2	0
079-0141	2000	6	0	827-1306	1995	9	0	931-0406	2004	6	0	9801-1376	2005	3	0
079-0141	2000	7	1	827-1306	1995	10	0	931-0406	2004	7	0	9801-1376	2005	4	0
079-0141	2000	8	0	827-1306	1995	11	0	931-0406	2004	8	0	9801-1376	2005	5	0
079-0141	2000	9	0	827-1306	1995	12	0	931-0406	2004	9	100	9801-1376	2005	6	0
079-0141	2000	10	0	827-1306	1996	1	0	931-0406	2004	10	0	9801-1376	2005	7	0
079-0141	2000	11	2	827-1306	1996	2	3	931-0406	2004	11	0	9801-1376	2005	8	0
079-0141	2000	12	0	827-1306	1996	3	83	931-0406	2004	12	0	9801-1376	2005	9	0
079-0141	2001	1	20	827-1306	1996	4	0	931-0406	2005	1	0	9801-1376	2005	10	0
079-0141	2001	2	5	827-1306	1996	5	5	931-0406	2005	2	0	9801-1376	2005	11	0
079-0141	2001	3	0	827-1306	1996	6	0	931-0406	2005	3	26	9801-1376	2005	12	0
079-0141	2001	4	1	827-1306	1996	7	24	931-0406	2005	4	0	9801-1376	2006	1	0
079-0141	2001	5	0	827-1306	1996	8	5	931-0406	2005	5	125	9801-1376	2006	2	0
079-0141	2001	6	5	827-1306	1996	9	40	931-0406	2005	6	0	9801-1376	2006	3	0
079-0141	2001	7	0	827-1306	1996	10	25	931-0406	2005	7	0	9801-1376	2006	4	0
079-0141	2001	8	0	827-1306	1996	11	0	931-0406	2005	8	0	9801-1376	2006	5	0
079-0141	2001	9	250	827-1306	1996	12	3	931-0406	2005	9	0	9801-1376	2006	6	0
079-0141	2001	10	0	827-1306	1997	1	40	931-0406	2005	10	0	9801-1376	2006	7	0
079-0141	2001	11	0	827-1306	1997	2	153	931-0406	2005	11	0	9801-1376	2006	8	0
079-0141	2001	12	0	827-1306	1997	3	0	931-0406	2005	12	0	9801-1376	2006	9	0
079-0141	2002	1	0	827-1306	1997	4	100	931-0406	2006	1	0	9801-1376	2006	10	0
079-0141	2002	2	0	827-1306	1997	5	204	931-0406	2006	2	0	9801-1376	2006	11	0
079-0141	2002	3	0	827-1306	1997	6	0	931-0406	2006	3	0	9801-1376	2006	12	0
079-0141	2002	4	0	827-1306	1997	7	0	931-0406	2006	4	0	9801-1376	2007	1	0
079-0141	2002	5	0	827-1306	1997	8	0	931-0406	2006	5	0	9801-1376	2007	2	0
079-0141	2002	6	0	827-1306	1997	9	0	931-0406	2006	6	150	9801-1376	2007	3	0
079-0141	2002	7	0	827-1306	1997	10	0	931-0406	2006	7	0	9801-1376	2007	4	0
079-0141	2002	8	0	827-1306	1997	11	10	931-0406	2006	8	0	9801-1376	2007	5	0
079-0141	2002	9	0	827-1306	1997	12	90	931-0406	2006	9	0	9801-1376	2007	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0141	2002	10	0	827-1306	1998	1	0	931-0406	2006	10	0	9801-1376	2007	7	0
079-0141	2002	11	0	827-1306	1998	2	5	931-0406	2006	11	0	9801-1376	2007	8	0
079-0141	2002	12	0	827-1306	1998	3	236	931-0406	2006	12	125	9801-1376	2007	9	0
079-0141	2003	1	0	827-1306	1998	4	10	931-0406	2007	1	0	9801-1376	2007	10	0
079-0141	2003	2	0	827-1306	1998	5	0	931-0406	2007	2	0	9801-1376	2007	11	0
079-0141	2003	3	0	827-1306	1998	6	14	931-0406	2007	3	0	9801-1376	2007	12	0
079-0141	2003	4	17	827-1306	1998	7	20	931-0406	2007	4	0	9801-1376	2008	1	0
079-0141	2003	5	2	827-1306	1998	8	10	931-0406	2007	5	0	9801-1376	2008	2	0
079-0141	2003	6	1	827-1306	1998	9	0	931-0406	2007	6	0	9801-1376	2008	3	26
079-0141	2003	7	0	827-1306	1998	10	0	931-0406	2007	7	300	9801-1376	2008	4	0
079-0141	2003	8	0	827-1306	1998	11	0	931-0406	2007	8	0	9801-1376	2008	5	0
079-0141	2003	9	10	827-1306	1998	12	0	931-0406	2007	9	0	9801-1376	2008	6	0
079-0141	2003	10	6	827-1306	1999	1	0	931-0406	2007	10	0	9801-1376	2008	7	0
079-0141	2003	11	42	827-1306	1999	2	0	931-0406	2007	11	0	9801-1376	2008	8	0
079-0141	2003	12	0	827-1306	1999	3	0	931-0406	2007	12	0	9801-1376	2008	9	0
079-0141	2004	1	0	827-1306	1999	4	5	931-0406	2008	1	0	9801-1376	2008	10	0
079-0141	2004	2	4	827-1306	1999	5	0	931-0406	2008	2	0	9801-1376	2008	11	26
079-0141	2004	3	2	827-1306	1999	6	0	931-0406	2008	3	251	9801-1376	2008	12	0
079-0141	2004	4	45	827-1306	1999	7	0	931-0406	2008	4	10	9801-1376	2009	1	0
079-0141	2004	5	0	827-1306	1999	8	0	931-0406	2008	5	10	9801-1376	2009	2	0
079-0141	2004	6	0	827-1306	1999	9	20	931-0406	2008	6	0	9801-1376	2009	3	0
079-0141	2004	7	3	827-1306	1999	10	4	931-0406	2008	7	0	9801-1412	2001	1	0
079-0141	2004	8	0	827-1306	1999	11	2	931-0406	2008	8	0	9801-1412	2001	2	0
079-0141	2004	9	0	827-1306	1999	12	0	931-0406	2008	9	0	9801-1412	2001	3	15
079-0141	2004	10	0	827-1306	2000	1	3	931-0406	2008	10	0	9801-1412	2001	4	45
079-0141	2004	11	0	827-1306	2000	2	0	931-0406	2008	11	0	9801-1412	2001	5	0
079-0141	2004	12	10	827-1306	2000	3	10	931-0406	2008	12	0	9801-1412	2001	6	0
079-0141	2005	1	0	827-1306	2000	4	0	931-0406	2009	1	0	9801-1412	2001	7	0
079-0141	2005	2	0	827-1306	2000	5	0	931-0406	2009	2	0	9801-1412	2001	8	0
079-0141	2005	3	0	827-1306	2000	6	30	931-0406	2009	3	0	9801-1412	2001	9	0
079-0141	2005	4	0	827-1306	2000	7	100	931-1322	1995	1	0	9801-1412	2001	10	0
079-0141	2005	5	0	827-1306	2000	8	6	931-1322	1995	2	20	9801-1412	2001	11	0
079-0141	2005	6	0	827-1306	2000	9	0	931-1322	1995	3	0	9801-1412	2001	12	0
079-0141	2005	7	6	827-1306	2000	10	0	931-1322	1995	4	20	9801-1412	2002	1	0
079-0141	2005	8	5	827-1306	2000	11	0	931-1322	1995	5	0	9801-1412	2002	2	0
079-0141	2005	9	0	827-1306	2000	12	0	931-1322	1995	6	0	9801-1412	2002	3	0
079-0141	2005	10	0	827-1306	2001	1	0	931-1322	1995	7	0	9801-1412	2002	4	0
079-0141	2005	11	0	827-1306	2001	2	5	931-1322	1995	8	0	9801-1412	2002	5	0
079-0141	2005	12	50	827-1306	2001	3	0	931-1322	1995	9	0	9801-1412	2002	6	0
079-0141	2006	1	50	827-1306	2001	4	0	931-1322	1995	10	0	9801-1412	2002	7	0
079-0141	2006	2	76	827-1306	2001	5	0	931-1322	1995	11	0	9801-1412	2002	8	0
079-0141	2006	3	0	827-1306	2001	6	0	931-1322	1995	12	0	9801-1412	2002	9	0
079-0141	2006	4	25	827-1306	2001	7	0	931-1322	1996	1	0	9801-1412	2002	10	0
079-0141	2006	5	5	827-1306	2001	8	15	931-1322	1996	2	0	9801-1412	2002	11	0
079-0141	2006	6	25	827-1306	2001	9	0	931-1322	1996	3	1	9801-1412	2002	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0141	2006	7	11	827-1306	2001	10	6	931-1322	1996	4	100	9801-1412	2003	1	0
079-0141	2006	8	15	827-1306	2001	11	12	931-1322	1996	5	0	9801-1412	2003	2	0
079-0141	2006	9	50	827-1306	2001	12	0	931-1322	1996	6	0	9801-1412	2003	3	0
079-0141	2006	10	5	827-1306	2002	1	5	931-1322	1996	7	0	9801-1412	2003	4	0
079-0141	2006	11	0	827-1306	2002	2	5	931-1322	1996	8	0	9801-1412	2003	5	0
079-0141	2006	12	0	827-1306	2002	3	0	931-1322	1996	9	0	9801-1412	2003	6	0
079-0141	2007	1	0	827-1306	2002	4	0	931-1322	1996	10	0	9801-1412	2003	7	0
079-0141	2007	2	7	827-1306	2002	5	0	931-1322	1996	11	0	9801-1412	2003	8	0
079-0141	2007	3	11	827-1306	2002	6	0	931-1322	1996	12	0	9801-1412	2003	9	0
079-0141	2007	4	0	827-1306	2002	7	6	931-1322	1997	1	0	9801-1412	2003	10	0
079-0141	2007	5	60	827-1306	2002	8	0	931-1322	1997	2	25	9801-1412	2003	11	0
079-0141	2007	6	32	827-1306	2002	9	0	931-1322	1997	3	0	9801-1412	2003	12	0
079-0141	2007	7	0	827-1306	2002	10	1	931-1322	1997	4	0	9801-1412	2004	1	0
079-0141	2007	8	0	827-1306	2002	11	0	931-1322	1997	5	0	9801-1412	2004	2	0
079-0141	2007	9	5	827-1306	2002	12	0	931-1322	1997	6	0	9801-1412	2004	3	0
079-0141	2007	10	0	827-1306	2003	1	6	931-1322	1997	7	0	9801-1412	2004	4	0
079-0141	2007	11	7	827-1306	2003	2	15	931-1322	1997	8	0	9801-1412	2004	5	0
079-0141	2007	12	5	827-1306	2003	3	0	931-1322	1997	9	0	9801-1412	2004	6	0
079-0141	2008	1	10	827-1306	2003	4	0	931-1322	1997	10	25	9801-1412	2004	7	0
079-0141	2008	2	0	827-1306	2003	5	0	931-1322	1997	11	0	9801-1412	2004	8	0
079-0141	2008	3	0	827-1306	2003	6	0	931-1322	1997	12	0	9801-1412	2004	9	0
079-0141	2008	4	149	827-1306	2003	7	0	931-1322	1998	1	0	9801-1412	2004	10	0
079-0141	2008	5	0	827-1306	2003	8	0	931-1322	1998	2	0	9801-1412	2004	11	0
079-0141	2008	6	0	827-1306	2003	9	6	931-1322	1998	3	0	9801-1412	2004	12	0
079-0141	2008	7	2	827-1306	2003	10	0	931-1322	1998	4	0	9801-1412	2005	1	0
079-0141	2008	8	400	827-1306	2003	11	0	931-1322	1998	5	21	9801-1412	2005	2	26
079-0141	2008	9	0	827-1306	2003	12	0	931-1322	1998	6	0	9801-1412	2005	3	0
079-0141	2008	10	0	827-1306	2004	1	6	931-1322	1998	7	0	9801-1412	2005	4	0
079-0141	2008	11	0	827-1306	2004	2	0	931-1322	1998	8	0	9801-1412	2005	5	0
079-0141	2008	12	17	827-1306	2004	3	0	931-1322	1998	9	20	9801-1412	2005	6	0
079-0141	2009	1	0	827-1306	2004	4	0	931-1322	1998	10	0	9801-1412	2005	7	26
079-0141	2009	2	0	827-1306	2004	5	0	931-1322	1998	11	0	9801-1412	2005	8	0
079-0141	2009	3	0	827-1306	2004	6	0	931-1322	1998	12	0	9801-1412	2005	9	0
079-0142	1996	1	0	827-1306	2004	7	20	931-1322	1999	1	20	9801-1412	2005	10	0
079-0142	1996	2	0	827-1306	2004	8	0	931-1322	1999	2	0	9801-1412	2005	11	0
079-0142	1996	3	0	827-1306	2004	9	4	931-1322	1999	3	0	9801-1412	2005	12	0
079-0142	1996	4	0	827-1306	2004	10	0	931-1322	1999	4	0	9801-1412	2006	1	20
079-0142	1996	5	0	827-1306	2004	11	0	931-1322	1999	5	0	9801-1412	2006	2	0
079-0142	1996	6	0	827-1306	2004	12	0	931-1322	1999	6	45	9801-1412	2006	3	0
079-0142	1996	7	0	827-1306	2005	1	50	931-1322	1999	7	0	9801-1412	2006	4	0
079-0142	1996	8	0	827-1306	2005	2	6	931-1322	1999	8	0	9801-1412	2006	5	0
079-0142	1996	9	0	827-1306	2005	3	42	931-1322	1999	9	0	9801-1412	2006	6	0
079-0142	1996	10	16	827-1306	2005	4	0	931-1322	1999	10	0	9801-1412	2006	7	0
079-0142	1996	11	4	827-1306	2005	5	18	931-1322	1999	11	0	9801-1412	2006	8	0
079-0142	1996	12	15	827-1306	2005	6	25	931-1322	1999	12	0	9801-1412	2006	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0142	1997	1	0	827-1306	2005	7	0	931-1322	2000	1	0	9801-1412	2006	10	0
079-0142	1997	2	7	827-1306	2005	8	0	931-1322	2000	2	65	9801-1412	2006	11	0
079-0142	1997	3	19	827-1306	2005	9	0	931-1322	2000	3	0	9801-1412	2006	12	26
079-0142	1997	4	0	827-1306	2005	10	0	931-1322	2000	4	0	9801-1412	2007	1	0
079-0142	1997	5	7	827-1306	2005	11	10	931-1322	2000	5	0	9801-1412	2007	2	0
079-0142	1997	6	6	827-1306	2005	12	0	931-1322	2000	6	0	9801-1412	2007	3	0
079-0142	1997	7	65	827-1306	2006	1	20	931-1322	2000	7	0	9801-1412	2007	4	0
079-0142	1997	8	42	827-1306	2006	2	0	931-1322	2000	8	0	9801-1412	2007	5	0
079-0142	1997	9	15	827-1306	2006	3	0	931-1322	2000	9	0	9801-1412	2007	6	0
079-0142	1997	10	39	827-1306	2006	4	0	931-1322	2000	10	0	9801-1412	2007	7	0
079-0142	1997	11	12	827-1306	2006	5	0	931-1322	2000	11	0	9801-1412	2007	8	0
079-0142	1997	12	29	827-1306	2006	6	0	931-1322	2000	12	0	9801-1412	2007	9	26
079-0142	1998	1	20	827-1306	2006	7	10	931-1322	2001	1	0	9801-1412	2007	10	0
079-0142	1998	2	0	827-1306	2006	8	0	931-1322	2001	2	0	9801-1412	2007	11	0
079-0142	1998	3	0	827-1306	2006	9	35	931-1322	2001	3	0	9801-1412	2007	12	0
079-0142	1998	4	0	827-1306	2006	10	0	931-1322	2001	4	0	9801-1412	2008	1	0
079-0142	1998	5	0	827-1306	2006	11	0	931-1322	2001	5	0	9801-1412	2008	2	0
079-0142	1998	6	0	827-1306	2006	12	0	931-1322	2001	6	0	9801-1412	2008	3	0
079-0142	1998	7	0	827-1306	2007	1	0	931-1322	2001	7	0	9801-1412	2008	4	8
079-0142	1998	8	0	827-1306	2007	2	10	931-1322	2001	8	0	9801-1412	2008	5	0
079-0142	1998	9	35	827-1306	2007	3	1131	931-1322	2001	9	0	9801-1412	2008	6	0
079-0142	1998	10	0	827-1306	2007	4	0	931-1322	2001	10	0	9801-1412	2008	7	0
079-0142	1998	11	45	827-1306	2007	5	10	931-1322	2001	11	0	9801-1412	2008	8	0
079-0142	1998	12	0	827-1306	2007	6	0	931-1322	2001	12	0	9801-1412	2008	9	0
079-0142	1999	1	0	827-1306	2007	7	2	931-1322	2002	1	0	9801-1412	2008	10	0
079-0142	1999	2	0	827-1306	2007	8	0	931-1322	2002	2	0	9801-1412	2008	11	0
079-0142	1999	3	0	827-1306	2007	9	10	931-1322	2002	3	0	9801-1412	2008	12	0
079-0142	1999	4	30	827-1306	2007	10	0	931-1322	2002	4	0	9801-1412	2009	1	0
079-0142	1999	5	0	827-1306	2007	11	0	931-1322	2002	5	0	9801-1412	2009	2	0
079-0142	1999	6	0	827-1306	2007	12	10	931-1322	2002	6	0	9801-1412	2009	3	0
079-0142	1999	7	0	827-1306	2008	1	0	931-1322	2002	7	0	9801-7012	2001	1	0
079-0142	1999	8	0	827-1306	2008	2	0	931-1322	2002	8	0	9801-7012	2001	2	22
079-0142	1999	9	0	827-1306	2008	3	50	931-1322	2002	9	0	9801-7012	2001	3	3676
079-0142	1999	10	0	827-1306	2008	4	12	931-1322	2002	10	0	9801-7012	2001	4	45
079-0142	1999	11	0	827-1306	2008	5	40	931-1322	2002	11	0	9801-7012	2001	5	2725
079-0142	1999	12	0	827-1306	2008	6	0	931-1322	2002	12	0	9801-7012	2001	6	5
079-0142	2000	1	0	827-1306	2008	7	0	931-1322	2003	1	0	9801-7012	2001	7	14
079-0142	2000	2	0	827-1306	2008	8	0	931-1322	2003	2	10	9801-7012	2001	8	85
079-0142	2000	3	0	827-1306	2008	9	0	931-1322	2003	3	0	9801-7012	2001	9	5
079-0142	2000	4	0	827-1306	2008	10	0	931-1322	2003	4	0	9801-7012	2001	10	2
079-0142	2000	5	10	827-1306	2008	11	0	931-1322	2003	5	0	9801-7012	2001	11	15
079-0142	2000	6	0	827-1306	2008	12	0	931-1322	2003	6	30	9801-7012	2001	12	10
079-0142	2000	7	0	827-1306	2009	1	0	931-1322	2003	7	0	9801-7012	2002	1	120
079-0142	2000	8	0	827-1306	2009	2	0	931-1322	2003	8	0	9801-7012	2002	2	0
079-0142	2000	9	10	827-1306	2009	3	0	931-1322	2003	9	0	9801-7012	2002	3	14

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0142	2000	10	0	827-1311	1995	1	0	931-1322	2003	10	0	9801-7012	2002	4	0
079-0142	2000	11	0	827-1311	1995	2	3	931-1322	2003	11	0	9801-7012	2002	5	14
079-0142	2000	12	200	827-1311	1995	3	0	931-1322	2003	12	0	9801-7012	2002	6	35
079-0142	2001	1	0	827-1311	1995	4	0	931-1322	2004	1	0	9801-7012	2002	7	8
079-0142	2001	2	0	827-1311	1995	5	0	931-1322	2004	2	0	9801-7012	2002	8	69
079-0142	2001	3	0	827-1311	1995	6	0	931-1322	2004	3	0	9801-7012	2002	9	394
079-0142	2001	4	0	827-1311	1995	7	0	931-1322	2004	4	0	9801-7012	2002	10	0
079-0142	2001	5	0	827-1311	1995	8	0	931-1322	2004	5	0	9801-7012	2002	11	25
079-0142	2001	6	0	827-1311	1995	9	0	931-1322	2004	6	0	9801-7012	2002	12	222
079-0142	2001	7	0	827-1311	1995	10	0	931-1322	2004	7	30	9801-7012	2003	1	120
079-0142	2001	8	26	827-1311	1995	11	4	931-1322	2004	8	0	9801-7012	2003	2	0
079-0142	2001	9	0	827-1311	1995	12	0	931-1322	2004	9	0	9801-7012	2003	3	0
079-0142	2001	10	0	827-1311	1996	1	0	931-1322	2004	10	0	9801-7012	2003	4	22
079-0142	2001	11	0	827-1311	1996	2	0	931-1322	2004	11	0	9801-7012	2003	5	11
079-0142	2001	12	0	827-1311	1996	3	0	931-1322	2004	12	0	9801-7012	2003	6	140
079-0142	2002	1	0	827-1311	1996	4	4	931-1322	2005	1	0	9801-7012	2003	7	177
079-0142	2002	2	0	827-1311	1996	5	15	931-1322	2005	2	0	9801-7012	2003	8	2994
079-0142	2002	3	0	827-1311	1996	6	0	931-1322	2005	3	0	9801-7012	2003	9	43
079-0142	2002	4	0	827-1311	1996	7	0	931-1322	2005	4	0	9801-7012	2003	10	0
079-0142	2002	5	0	827-1311	1996	8	0	931-1322	2005	5	0	9801-7012	2003	11	0
079-0142	2002	6	0	827-1311	1996	9	0	931-1322	2005	6	0	9801-7012	2003	12	0
079-0142	2002	7	0	827-1311	1996	10	0	931-1322	2005	7	0	9801-7012	2004	1	1
079-0142	2002	8	0	827-1311	1996	11	6	931-1322	2005	8	0	9801-7012	2004	2	20
079-0142	2002	9	0	827-1311	1996	12	4	931-1322	2005	9	0	9801-7012	2004	3	105
079-0142	2002	10	0	827-1311	1997	1	10	931-1322	2005	10	0	9801-7012	2004	4	7
079-0142	2002	11	0	827-1311	1997	2	0	931-1322	2005	11	0	9801-7012	2004	5	12
079-0142	2002	12	0	827-1311	1997	3	0	931-1322	2005	12	0	9801-7012	2004	6	0
079-0142	2003	1	0	827-1311	1997	4	0	931-1322	2006	1	0	9801-7012	2004	7	0
079-0142	2003	2	15	827-1311	1997	5	0	931-1322	2006	2	0	9801-7012	2004	8	3
079-0142	2003	3	0	827-1311	1997	6	0	931-1322	2006	3	0	9801-7012	2004	9	10
079-0142	2003	4	0	827-1311	1997	7	10	931-1322	2006	4	0	9801-7012	2004	10	0
079-0142	2003	5	0	827-1311	1997	8	0	931-1322	2006	5	0	9801-7012	2004	11	6
079-0142	2003	6	0	827-1311	1997	9	0	931-1322	2006	6	18	9801-7012	2004	12	0
079-0142	2003	7	0	827-1311	1997	10	12	931-1322	2006	7	0	9801-7012	2005	1	1229
079-0142	2003	8	0	827-1311	1997	11	0	931-1322	2006	8	0	9801-7012	2005	2	0
079-0142	2003	9	0	827-1311	1997	12	50	931-1322	2006	9	0	9801-7012	2005	3	0
079-0142	2003	10	0	827-1311	1998	1	0	931-1322	2006	10	0	9801-7012	2005	4	0
079-0142	2003	11	0	827-1311	1998	2	0	931-1322	2006	11	0	9801-7012	2005	5	0
079-0142	2003	12	0	827-1311	1998	3	0	931-1322	2006	12	0	9801-7012	2005	6	33
079-0142	2004	1	0	827-1311	1998	4	20	931-1322	2007	1	0	9801-7012	2005	7	31
079-0142	2004	2	0	827-1311	1998	5	8	931-1322	2007	2	0	9801-7012	2005	8	13
079-0142	2004	3	6	827-1311	1998	6	5	931-1322	2007	3	0	9801-7012	2005	9	13
079-0142	2004	4	0	827-1311	1998	7	0	931-1322	2007	4	0	9801-7012	2005	10	27
079-0142	2004	5	0	827-1311	1998	8	0	931-1322	2007	5	0	9801-7012	2005	11	0
079-0142	2004	6	0	827-1311	1998	9	0	931-1322	2007	6	0	9801-7012	2005	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0142	2004	7	0	827-1311	1998	10	0	931-1322	2007	7	0	9801-7012	2006	1	0
079-0142	2004	8	0	827-1311	1998	11	0	931-1322	2007	8	22	9801-7012	2006	2	0
079-0142	2004	9	0	827-1311	1998	12	0	931-1322	2007	9	6	9801-7012	2006	3	24
079-0142	2004	10	0	827-1311	1999	1	0	931-1322	2007	10	0	9801-7012	2006	4	3
079-0142	2004	11	0	827-1311	1999	2	0	931-1322	2007	11	0	9801-7012	2006	5	25
079-0142	2004	12	20	827-1311	1999	3	0	931-1322	2007	12	0	9801-7012	2006	6	0
079-0142	2005	1	0	827-1311	1999	4	0	931-1322	2008	1	0	9801-7012	2006	7	25
079-0142	2005	2	0	827-1311	1999	5	50	931-1322	2008	2	0	9801-7012	2006	8	3
079-0142	2005	3	0	827-1311	1999	6	2	931-1322	2008	3	0	9801-7012	2006	9	60
079-0142	2005	4	0	827-1311	1999	7	0	931-1322	2008	4	0	9801-7012	2006	10	1
079-0142	2005	5	0	827-1311	1999	8	0	931-1322	2008	5	0	9801-7012	2006	11	10
079-0142	2005	6	10	827-1311	1999	9	0	931-1322	2008	6	0	9801-7012	2006	12	0
079-0142	2005	7	0	827-1311	1999	10	0	931-1322	2008	7	0	9801-7012	2007	1	14
079-0142	2005	8	0	827-1311	1999	11	0	931-1322	2008	8	0	9801-7012	2007	2	127
079-0142	2005	9	0	827-1311	1999	12	0	931-1322	2008	9	4	9801-7012	2007	3	5
079-0142	2005	10	0	827-1311	2000	1	0	931-1322	2008	10	0	9801-7012	2007	4	26
079-0142	2005	11	25	827-1311	2000	2	0	931-1322	2008	11	0	9801-7012	2007	5	10
079-0142	2005	12	0	827-1311	2000	3	0	931-1322	2008	12	0	9801-7012	2007	6	22
079-0142	2006	1	0	827-1311	2000	4	0	931-1322	2009	1	0	9801-7012	2007	7	95
079-0142	2006	2	25	827-1311	2000	5	0	931-1322	2009	2	0	9801-7012	2007	8	0
079-0142	2006	3	0	827-1311	2000	6	21	931-1322	2009	3	0	9801-7012	2007	9	75
079-0142	2006	4	0	827-1311	2000	7	0	931-1331	1995	1	0	9801-7012	2007	10	0
079-0142	2006	5	0	827-1311	2000	8	30	931-1331	1995	2	0	9801-7012	2007	11	40
079-0142	2006	6	0	827-1311	2000	9	0	931-1331	1995	3	0	9801-7012	2007	12	8
079-0142	2006	7	0	827-1311	2000	10	0	931-1331	1995	4	0	9801-7012	2008	1	135
079-0142	2006	8	0	827-1311	2000	11	0	931-1331	1995	5	0	9801-7012	2008	2	0
079-0142	2006	9	0	827-1311	2000	12	0	931-1331	1995	6	0	9801-7012	2008	3	43
079-0142	2006	10	22	827-1311	2001	1	0	931-1331	1995	7	0	9801-7012	2008	4	290
079-0142	2006	11	0	827-1311	2001	2	0	931-1331	1995	8	0	9801-7012	2008	5	12
079-0142	2006	12	0	827-1311	2001	3	0	931-1331	1995	9	0	9801-7012	2008	6	2
079-0142	2007	1	0	827-1311	2001	4	8	931-1331	1995	10	0	9801-7012	2008	7	52
079-0142	2007	2	0	827-1311	2001	5	0	931-1331	1995	11	25	9801-7012	2008	8	0
079-0142	2007	3	10	827-1311	2001	6	0	931-1331	1995	12	0	9801-7012	2008	9	11
079-0142	2007	4	0	827-1311	2001	7	0	931-1331	1996	1	0	9801-7012	2008	10	25
079-0142	2007	5	0	827-1311	2001	8	18	931-1331	1996	2	0	9801-7012	2008	11	0
079-0142	2007	6	26	827-1311	2001	9	0	931-1331	1996	3	0	9801-7012	2008	12	12
079-0142	2007	7	0	827-1311	2001	10	0	931-1331	1996	4	0	9801-7012	2009	1	1
079-0142	2007	8	20	827-1311	2001	11	20	931-1331	1996	5	0	9801-7012	2009	2	0
079-0142	2007	9	25	827-1311	2001	12	0	931-1331	1996	6	0	9801-7012	2009	3	0
079-0142	2007	10	0	827-1311	2002	1	0	931-1331	1996	7	0	BIM 2020 CASS	1997	1	0
079-0142	2007	11	0	827-1311	2002	2	18	931-1331	1996	8	0	BIM 2020 CASS	1997	2	0
079-0142	2007	12	0	827-1311	2002	3	0	931-1331	1996	9	0	BIM 2020 CASS	1997	3	0
079-0142	2008	1	0	827-1311	2002	4	0	931-1331	1996	10	0	BIM 2020 CASS	1997	4	0
079-0142	2008	2	0	827-1311	2002	5	0	931-1331	1996	11	0	BIM 2020 CASS	1997	5	0
079-0142	2008	3	0	827-1311	2002	6	0	931-1331	1996	12	0	BIM 2020 CASS	1997	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-0142	2008	4	12	827-1311	2002	7	0	931-1331	1997	1	0	BIM 2020 CASS	1997	7	0
079-0142	2008	5	0	827-1311	2002	8	0	931-1331	1997	2	13	BIM 2020 CASS	1997	8	0
079-0142	2008	6	0	827-1311	2002	9	18	931-1331	1997	3	300	BIM 2020 CASS	1997	9	0
079-0142	2008	7	10	827-1311	2002	10	0	931-1331	1997	4	0	BIM 2020 CASS	1997	10	29
079-0142	2008	8	0	827-1311	2002	11	0	931-1331	1997	5	0	BIM 2020 CASS	1997	11	0
079-0142	2008	9	0	827-1311	2002	12	2	931-1331	1997	6	0	BIM 2020 CASS	1997	12	0
079-0142	2008	10	15	827-1311	2003	1	0	931-1331	1997	7	0	BIM 2020 CASS	1998	1	0
079-0142	2008	11	0	827-1311	2003	2	6	931-1331	1997	8	0	BIM 2020 CASS	1998	2	0
079-0142	2008	12	0	827-1311	2003	3	0	931-1331	1997	9	9	BIM 2020 CASS	1998	3	0
079-0142	2009	1	0	827-1311	2003	4	0	931-1331	1997	10	42	BIM 2020 CASS	1998	4	200
079-0142	2009	2	0	827-1311	2003	5	0	931-1331	1997	11	0	BIM 2020 CASS	1998	5	0
079-0142	2009	3	0	827-1311	2003	6	0	931-1331	1997	12	0	BIM 2020 CASS	1998	6	0
079-2658	2006	1	0	827-1311	2003	7	0	931-1331	1998	1	0	BIM 2020 CASS	1998	7	0
079-2658	2006	2	0	827-1311	2003	8	0	931-1331	1998	2	0	BIM 2020 CASS	1998	8	0
079-2658	2006	3	1000	827-1311	2003	9	0	931-1331	1998	3	0	BIM 2020 CASS	1998	9	0
079-2658	2006	4	0	827-1311	2003	10	0	931-1331	1998	4	0	BIM 2020 CASS	1998	10	0
079-2658	2006	5	0	827-1311	2003	11	0	931-1331	1998	5	0	BIM 2020 CASS	1998	11	0
079-2658	2006	6	0	827-1311	2003	12	0	931-1331	1998	6	0	BIM 2020 CASS	1998	12	0
079-2658	2006	7	0	827-1311	2004	1	0	931-1331	1998	7	25	BIM 2020 CASS	1999	1	0
079-2658	2006	8	0	827-1311	2004	2	0	931-1331	1998	8	0	BIM 2020 CASS	1999	2	0
079-2658	2006	9	0	827-1311	2004	3	10	931-1331	1998	9	0	BIM 2020 CASS	1999	3	0
079-2658	2006	10	0	827-1311	2004	4	0	931-1331	1998	10	0	BIM 2020 CASS	1999	4	0
079-2658	2006	11	0	827-1311	2004	5	0	931-1331	1998	11	0	BIM 2020 CASS	1999	5	0
079-2658	2006	12	0	827-1311	2004	6	20	931-1331	1998	12	0	BIM 2020 CASS	1999	6	0
079-2658	2007	1	0	827-1311	2004	7	0	931-1331	1999	1	0	BIM 2020 CASS	1999	7	0
079-2658	2007	2	0	827-1311	2004	8	0	931-1331	1999	2	0	BIM 2020 CASS	1999	8	0
079-2658	2007	3	860	827-1311	2004	9	12	931-1331	1999	3	0	BIM 2020 CASS	1999	9	0
079-2658	2007	4	0	827-1311	2004	10	0	931-1331	1999	4	0	BIM 2020 CASS	1999	10	0
079-2658	2007	5	0	827-1311	2004	11	0	931-1331	1999	5	0	BIM 2020 CASS	1999	11	0
079-2658	2007	6	0	827-1311	2004	12	0	931-1331	1999	6	20	BIM 2020 CASS	1999	12	0
079-2658	2007	7	0	827-1311	2005	1	0	931-1331	1999	7	0	BIM 2020 CASS	2000	1	0
079-2658	2007	8	0	827-1311	2005	2	0	931-1331	1999	8	0	BIM 2020 CASS	2000	2	0
079-2658	2007	9	1000	827-1311	2005	3	0	931-1331	1999	9	0	BIM 2020 CASS	2000	3	0
079-2658	2007	10	140	827-1311	2005	4	0	931-1331	1999	10	0	BIM 2020 CASS	2000	4	0
079-2658	2007	11	0	827-1311	2005	5	0	931-1331	1999	11	0	BIM 2020 CASS	2000	5	0
079-2658	2007	12	0	827-1311	2005	6	0	931-1331	1999	12	0	BIM 2020 CASS	2000	6	0
079-2658	2008	1	0	827-1311	2005	7	0	931-1331	2000	1	50	BIM 2020 CASS	2000	7	0
079-2658	2008	2	0	827-1311	2005	8	16	931-1331	2000	2	0	BIM 2020 CASS	2000	8	44
079-2658	2008	3	0	827-1311	2005	9	0	931-1331	2000	3	0	BIM 2020 CASS	2000	9	0
079-2658	2008	4	0	827-1311	2005	10	0	931-1331	2000	4	0	BIM 2020 CASS	2000	10	0
079-2658	2008	5	0	827-1311	2005	11	30	931-1331	2000	5	0	BIM 2020 CASS	2000	11	0
079-2658	2008	6	0	827-1311	2005	12	0	931-1331	2000	6	0	BIM 2020 CASS	2000	12	0
079-2658	2008	7	0	827-1311	2006	1	0	931-1331	2000	7	0	BIM 2020 CASS	2001	1	0
079-2658	2008	8	0	827-1311	2006	2	30	931-1331	2000	8	75	BIM 2020 CASS	2001	2	0
079-2658	2008	9	0	827-1311	2006	3	0	931-1331	2000	9	0	BIM 2020 CASS	2001	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-2658	2008	10	0	827-1311	2006	4	0	931-1331	2000	10	0	BIM 2020 CASS	2001	4	0
079-2658	2008	11	0	827-1311	2006	5	0	931-1331	2000	11	0	BIM 2020 CASS	2001	5	0
079-2658	2008	12	0	827-1311	2006	6	0	931-1331	2000	12	0	BIM 2020 CASS	2001	6	0
079-2658	2009	1	0	827-1311	2006	7	0	931-1331	2001	1	0	BIM 2020 CASS	2001	7	0
079-2658	2009	2	0	827-1311	2006	8	0	931-1331	2001	2	0	BIM 2020 CASS	2001	8	0
079-2658	2009	3	0	827-1311	2006	9	100	931-1331	2001	3	0	BIM 2020 CASS	2001	9	0
079-2660	1997	1	0	827-1311	2006	10	0	931-1331	2001	4	0	BIM 2020 CASS	2001	10	0
079-2660	1997	2	0	827-1311	2006	11	0	931-1331	2001	5	0	BIM 2020 CASS	2001	11	16
079-2660	1997	3	0	827-1311	2006	12	30	931-1331	2001	6	0	BIM 2020 CASS	2001	12	0
079-2660	1997	4	0	827-1311	2007	1	0	931-1331	2001	7	0	BIM 2020 CASS	2002	1	0
079-2660	1997	5	0	827-1311	2007	2	6	931-1331	2001	8	0	BIM 2020 CASS	2002	2	0
079-2660	1997	6	0	827-1311	2007	3	1500	931-1331	2001	9	0	BIM 2020 CASS	2002	3	0
079-2660	1997	7	0	827-1311	2007	4	15	931-1331	2001	10	0	BIM 2020 CASS	2002	4	0
079-2660	1997	8	0	827-1311	2007	5	0	931-1331	2001	11	0	BIM 2020 CASS	2002	5	0
079-2660	1997	9	100	827-1311	2007	6	0	931-1331	2001	12	0	BIM 2020 CASS	2002	6	0
079-2660	1997	10	0	827-1311	2007	7	0	931-1331	2002	1	0	BIM 2020 CASS	2002	7	0
079-2660	1997	11	0	827-1311	2007	8	0	931-1331	2002	2	0	BIM 2020 CASS	2002	8	0
079-2660	1997	12	0	827-1311	2007	9	0	931-1331	2002	3	0	BIM 2020 CASS	2002	9	0
079-2660	1998	1	50	827-1311	2007	10	6	931-1331	2002	4	0	BIM 2020 CASS	2002	10	0
079-2660	1998	2	100	827-1311	2007	11	0	931-1331	2002	5	0	BIM 2020 CASS	2002	11	0
079-2660	1998	3	0	827-1311	2007	12	26	931-1331	2002	6	0	BIM 2020 CASS	2002	12	0
079-2660	1998	4	0	827-1311	2008	1	0	931-1331	2002	7	0	BIM 2020 CASS	2003	1	0
079-2660	1998	5	50	827-1311	2008	2	0	931-1331	2002	8	0	BIM 2020 CASS	2003	2	0
079-2660	1998	6	0	827-1311	2008	3	0	931-1331	2002	9	0	BIM 2020 CASS	2003	3	0
079-2660	1998	7	50	827-1311	2008	4	0	931-1331	2002	10	0	BIM 2020 CASS	2003	4	0
079-2660	1998	8	50	827-1311	2008	5	0	931-1331	2002	11	0	BIM 2020 CASS	2003	5	0
079-2660	1998	9	50	827-1311	2008	6	0	931-1331	2002	12	0	BIM 2020 CASS	2003	6	0
079-2660	1998	10	100	827-1311	2008	7	0	931-1331	2003	1	0	BIM 2020 CASS	2003	7	0
079-2660	1998	11	0	827-1311	2008	8	0	931-1331	2003	2	0	BIM 2020 CASS	2003	8	0
079-2660	1998	12	0	827-1311	2008	9	0	931-1331	2003	3	0	BIM 2020 CASS	2003	9	0
079-2660	1999	1	0	827-1311	2008	10	0	931-1331	2003	4	0	BIM 2020 CASS	2003	10	0
079-2660	1999	2	0	827-1311	2008	11	10	931-1331	2003	5	0	BIM 2020 CASS	2003	11	0
079-2660	1999	3	900	827-1311	2008	12	0	931-1331	2003	6	0	BIM 2020 CASS	2003	12	0
079-2660	1999	4	300	827-1311	2009	1	0	931-1331	2003	7	0	BIM 2020 CASS	2004	1	0
079-2660	1999	5	0	827-1311	2009	2	0	931-1331	2003	8	0	BIM 2020 CASS	2004	2	0
079-2660	1999	6	0	827-1311	2009	3	0	931-1331	2003	9	0	BIM 2020 CASS	2004	3	0
079-2660	1999	7	100	827-1312	1995	1	0	931-1331	2003	10	0	BIM 2020 CASS	2004	4	0
079-2660	1999	8	0	827-1312	1995	2	16	931-1331	2003	11	0	BIM 2020 CASS	2004	5	0
079-2660	1999	9	5	827-1312	1995	3	0	931-1331	2003	12	0	BIM 2020 CASS	2004	6	0
079-2660	1999	10	200	827-1312	1995	4	280	931-1331	2004	1	0	BIM 2020 CASS	2004	7	0
079-2660	1999	11	0	827-1312	1995	5	0	931-1331	2004	2	0	BIM 2020 CASS	2004	8	0
079-2660	1999	12	0	827-1312	1995	6	73	931-1331	2004	3	0	BIM 2020 CASS	2004	9	0
079-2660	2000	1	0	827-1312	1995	7	347	931-1331	2004	4	0	BIM 2020 CASS	2004	10	0
079-2660	2000	2	0	827-1312	1995	8	142	931-1331	2004	5	0	BIM 2020 CASS	2004	11	0
079-2660	2000	3	0	827-1312	1995	9	7	931-1331	2004	6	0	BIM 2020 CASS	2004	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-2660	2000	4	1000	827-1312	1995	10	218	931-1331	2004	7	26	BIM 2020 CASS	2005	1	0
079-2660	2000	5	300	827-1312	1995	11	41	931-1331	2004	8	0	BIM 2020 CASS	2005	2	0
079-2660	2000	6	0	827-1312	1995	12	0	931-1331	2004	9	0	BIM 2020 CASS	2005	3	0
079-2660	2000	7	0	827-1312	1996	1	4	931-1331	2004	10	0	BIM 2020 CASS	2005	4	0
079-2660	2000	8	0	827-1312	1996	2	22	931-1331	2004	11	0	BIM 2020 CASS	2005	5	0
079-2660	2000	9	0	827-1312	1996	3	200	931-1331	2004	12	0	BIM 2020 CASS	2005	6	0
079-2660	2000	10	0	827-1312	1996	4	44	931-1331	2005	1	0	BIM 2020 CASS	2005	7	0
079-2660	2000	11	0	827-1312	1996	5	200	931-1331	2005	2	0	BIM 2020 CASS	2005	8	0
079-2660	2000	12	0	827-1312	1996	6	210	931-1331	2005	3	0	BIM 2020 CASS	2005	9	60
079-2660	2001	1	200	827-1312	1996	7	30	931-1331	2005	4	0	BIM 2020 CASS	2005	10	0
079-2660	2001	2	0	827-1312	1996	8	18	931-1331	2005	5	0	BIM 2020 CASS	2005	11	0
079-2660	2001	3	100	827-1312	1996	9	20	931-1331	2005	6	0	BIM 2020 CASS	2005	12	0
079-2660	2001	4	0	827-1312	1996	10	300	931-1331	2005	7	0	BIM 2020 CASS	2006	1	0
079-2660	2001	5	500	827-1312	1996	11	70	931-1331	2005	8	0	BIM 2020 CASS	2006	2	0
079-2660	2001	6	0	827-1312	1996	12	0	931-1331	2005	9	0	BIM 2020 CASS	2006	3	0
079-2660	2001	7	0	827-1312	1997	1	46	931-1331	2005	10	0	BIM 2020 CASS	2006	4	0
079-2660	2001	8	400	827-1312	1997	2	495	931-1331	2005	11	0	BIM 2020 CASS	2006	5	2
079-2660	2001	9	200	827-1312	1997	3	20	931-1331	2005	12	0	BIM 2020 CASS	2006	6	0
079-2660	2001	10	0	827-1312	1997	4	118	931-1331	2006	1	0	BIM 2020 CASS	2006	7	0
079-2660	2001	11	500	827-1312	1997	5	31	931-1331	2006	2	0	BIM 2020 CASS	2006	8	0
079-2660	2001	12	0	827-1312	1997	6	0	931-1331	2006	3	0	BIM 2020 CASS	2006	9	0
079-2660	2002	1	0	827-1312	1997	7	22	931-1331	2006	4	0	BIM 2020 CASS	2006	10	0
079-2660	2002	2	0	827-1312	1997	8	236	931-1331	2006	5	0	BIM 2020 CASS	2006	11	0
079-2660	2002	3	0	827-1312	1997	9	0	931-1331	2006	6	0	BIM 2020 CASS	2006	12	0
079-2660	2002	4	0	827-1312	1997	10	52	931-1331	2006	7	24	BIM 2020 CASS	2007	1	4
079-2660	2002	5	0	827-1312	1997	11	206	931-1331	2006	8	0	BIM 2020 CASS	2007	2	0
079-2660	2002	6	0	827-1312	1997	12	100	931-1331	2006	9	0	BIM 2020 CASS	2007	3	0
079-2660	2002	7	0	827-1312	1998	1	0	931-1331	2006	10	0	BIM 2020 CASS	2007	4	0
079-2660	2002	8	0	827-1312	1998	2	24	931-1331	2006	11	0	BIM 2020 CASS	2007	5	0
079-2660	2002	9	0	827-1312	1998	3	338	931-1331	2006	12	0	BIM 2020 CASS	2007	6	0
079-2660	2002	10	0	827-1312	1998	4	186	931-1331	2007	1	0	BIM 2020 CASS	2007	7	0
079-2660	2002	11	0	827-1312	1998	5	28	931-1331	2007	2	0	BIM 2020 CASS	2007	8	0
079-2660	2002	12	0	827-1312	1998	6	57	931-1331	2007	3	28	BIM 2020 CASS	2007	9	0
079-2660	2003	1	0	827-1312	1998	7	45	931-1331	2007	4	0	BIM 2020 CASS	2007	10	0
079-2660	2003	2	0	827-1312	1998	8	10	931-1331	2007	5	0	BIM 2020 CASS	2007	11	0
079-2660	2003	3	500	827-1312	1998	9	20	931-1331	2007	6	0	BIM 2020 CASS	2007	12	0
079-2660	2003	4	0	827-1312	1998	10	62	931-1331	2007	7	150	BIM 2020 CASS	2008	1	0
079-2660	2003	5	0	827-1312	1998	11	17	931-1331	2007	8	0	BIM 2020 CASS	2008	2	0
079-2660	2003	6	0	827-1312	1998	12	87	931-1331	2007	9	0	BIM 2020 CASS	2008	3	0
079-2660	2003	7	0	827-1312	1999	1	10	931-1331	2007	10	32	BIM 2020 CASS	2008	4	0
079-2660	2003	8	0	827-1312	1999	2	840	931-1331	2007	11	0	BIM 2020 CASS	2008	5	0
079-2660	2003	9	0	827-1312	1999	3	163	931-1331	2007	12	0	BIM 2020 CASS	2008	6	0
079-2660	2003	10	0	827-1312	1999	4	0	931-1331	2008	1	0	BIM 2020 CASS	2008	7	0
079-2660	2003	11	0	827-1312	1999	5	32	931-1331	2008	2	0	BIM 2020 CASS	2008	8	0
079-2660	2003	12	0	827-1312	1999	6	23	931-1331	2008	3	0	BIM 2020 CASS	2008	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-2660	2004	1	0	827-1312	1999	7	83	931-1331	2008	4	0	BIM 2020 CASS	2008	10	0
079-2660	2004	2	2000	827-1312	1999	8	175	931-1331	2008	5	0	BIM 2020 CASS	2008	11	0
079-2660	2004	3	0	827-1312	1999	9	455	931-1331	2008	6	0	BIM 2020 CASS	2008	12	0
079-2660	2004	4	0	827-1312	1999	10	38	931-1331	2008	7	0	BIM 2020 CASS	2009	1	0
079-2660	2004	5	0	827-1312	1999	11	90	931-1331	2008	8	0	BIM 2020 CASS	2009	2	0
079-2660	2004	6	0	827-1312	1999	12	12	931-1331	2008	9	0	BIM 2020 CASS	2009	3	0
079-2660	2004	7	0	827-1312	2000	1	39	931-1331	2008	10	0	C24003-0501FB	2006	1	0
079-2660	2004	8	0	827-1312	2000	2	80	931-1331	2008	11	0	C24003-0501FB	2006	2	0
079-2660	2004	9	0	827-1312	2000	3	0	931-1331	2008	12	0	C24003-0501FB	2006	3	0
079-2660	2004	10	0	827-1312	2000	4	20	931-1331	2009	1	0	C24003-0501FB	2006	4	0
079-2660	2004	11	0	827-1312	2000	5	40	931-1331	2009	2	0	C24003-0501FB	2006	5	94
079-2660	2004	12	0	827-1312	2000	6	437	931-1331	2009	3	0	C24003-0501FB	2006	6	0
079-2660	2005	1	0	827-1312	2000	7	10	931-1346	1995	1	0	C24003-0501FB	2006	7	0
079-2660	2005	2	0	827-1312	2000	8	136	931-1346	1995	2	100	C24003-0501FB	2006	8	0
079-2660	2005	3	0	827-1312	2000	9	12	931-1346	1995	3	0	C24003-0501FB	2006	9	0
079-2660	2005	4	0	827-1312	2000	10	106	931-1346	1995	4	103	C24003-0501FB	2006	10	0
079-2660	2005	5	0	827-1312	2000	11	20	931-1346	1995	5	0	C24003-0501FB	2006	11	0
079-2660	2005	6	100	827-1312	2000	12	120	931-1346	1995	6	0	C24003-0501FB	2006	12	0
079-2660	2005	7	0	827-1312	2001	1	185	931-1346	1995	7	0	C24003-0501FB	2007	1	0
079-2660	2005	8	0	827-1312	2001	2	20	931-1346	1995	8	0	C24003-0501FB	2007	2	0
079-2660	2005	9	0	827-1312	2001	3	220	931-1346	1995	9	490	C24003-0501FB	2007	3	0
079-2660	2005	10	0	827-1312	2001	4	16	931-1346	1995	10	0	C24003-0501FB	2007	4	0
079-2660	2005	11	0	827-1312	2001	5	20	931-1346	1995	11	980	C24003-0501FB	2007	5	0
079-2660	2005	12	0	827-1312	2001	6	50	931-1346	1995	12	0	C24003-0501FB	2007	6	95
079-2660	2006	1	500	827-1312	2001	7	38	931-1346	1996	1	1000	C24003-0501FB	2007	7	0
079-2660	2006	2	0	827-1312	2001	8	10	931-1346	1996	2	0	C24003-0501FB	2007	8	0
079-2660	2006	3	0	827-1312	2001	9	36	931-1346	1996	3	1000	C24003-0501FB	2007	9	0
079-2660	2006	4	0	827-1312	2001	10	155	931-1346	1996	4	1300	C24003-0501FB	2007	10	0
079-2660	2006	5	0	827-1312	2001	11	16	931-1346	1996	5	0	C24003-0501FB	2007	11	0
079-2660	2006	6	100	827-1312	2001	12	26	931-1346	1996	6	325	C24003-0501FB	2007	12	0
079-2660	2006	7	0	827-1312	2002	1	20	931-1346	1996	7	2000	C24003-0501FB	2008	1	3
079-2660	2006	8	0	827-1312	2002	2	65	931-1346	1996	8	0	C24003-0501FB	2008	2	0
079-2660	2006	9	0	827-1312	2002	3	100	931-1346	1996	9	0	C24003-0501FB	2008	3	8
079-2660	2006	10	0	827-1312	2002	4	50	931-1346	1996	10	100	CUB12 VERSION AD	2005	1	0
079-2660	2006	11	0	827-1312	2002	5	76	931-1346	1996	11	0	CUB12 VERSION AD	2005	2	0
079-2660	2006	12	0	827-1312	2002	6	0	931-1346	1996	12	2095	CUB12 VERSION AD	2005	3	0
079-2660	2007	1	500	827-1312	2002	7	12	931-1346	1997	1	0	CUB12 VERSION AD	2005	4	0
079-2660	2007	2	0	827-1312	2002	8	0	931-1346	1997	2	520	CUB12 VERSION AD	2005	5	0
079-2660	2007	3	0	827-1312	2002	9	0	931-1346	1997	3	3003	CUB12 VERSION AD	2005	6	0
079-2660	2007	4	0	827-1312	2002	10	196	931-1346	1997	4	5	CUB12 VERSION AD	2005	7	427875
079-2660	2007	5	0	827-1312	2002	11	441	931-1346	1997	5	12	CUB12 VERSION AD	2005	8	0
079-2660	2007	6	0	827-1312	2002	12	69	931-1346	1997	6	0	CUB12 VERSION AD	2005	9	0
079-2660	2007	7	0	827-1312	2003	1	89	931-1346	1997	7	0	CUB12 VERSION AD	2005	10	0
079-2660	2007	8	100	827-1312	2003	2	657	931-1346	1997	8	0	CUB12 VERSION AD	2005	11	0
079-2660	2007	9	0	827-1312	2003	3	171	931-1346	1997	9	0	CUB12 VERSION AD	2005	12	41780

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-2660	2007	10	0	827-1312	2003	4	54	931-1346	1997	10	2000	CUB12 VERSION AD	2006	1	162750
079-2660	2007	11	550	827-1312	2003	5	22	931-1346	1997	11	0	CUB12 VERSION AD	2006	2	1359
079-2660	2007	12	0	827-1312	2003	6	32	931-1346	1997	12	1000	CUB12 VERSION AD	2006	3	392781
079-2660	2008	1	0	827-1312	2003	7	51	931-1346	1998	1	0	CUB12 VERSION AD	2006	4	0
079-2660	2008	2	0	827-1312	2003	8	76	931-1346	1998	2	0	CUB12 VERSION AD	2006	5	0
079-2660	2008	3	0	827-1312	2003	9	277	931-1346	1998	3	500	CUB12 VERSION AD	2006	6	327925
079-2660	2008	4	200	827-1312	2003	10	0	931-1346	1998	4	0	CUB12 VERSION AD	2006	7	0
079-2660	2008	5	0	827-1312	2003	11	77	931-1346	1998	5	2000	CUB12 VERSION AD	2006	8	0
079-2660	2008	6	0	827-1312	2003	12	10	931-1346	1998	6	0	CUB12 VERSION AD	2006	9	0
079-2660	2008	7	0	827-1312	2004	1	425	931-1346	1998	7	0	CUB12 VERSION AD	2006	10	0
079-2660	2008	8	0	827-1312	2004	2	101	931-1346	1998	8	2000	CUB12 VERSION AD	2006	11	0
079-2660	2008	9	500	827-1312	2004	3	95	931-1346	1998	9	0	CUB12 VERSION AD	2006	12	0
079-2660	2008	10	0	827-1312	2004	4	33	931-1346	1998	10	0	CUB12 VERSION AD	2007	1	396740
079-2660	2008	11	0	827-1312	2004	5	93	931-1346	1998	11	0	CUB12 VERSION AD	2007	2	0
079-2660	2008	12	0	827-1312	2004	6	465	931-1346	1998	12	1000	CUB12 VERSION AD	2007	3	0
079-2660	2009	1	0	827-1312	2004	7	12	931-1346	1999	1	1000	CUB12 VERSION AD	2007	4	0
079-2660	2009	2	0	827-1312	2004	8	62	931-1346	1999	2	500	CUB12 VERSION AD	2007	5	2787500
079-2660	2009	3	0	827-1312	2004	9	314	931-1346	1999	3	0	CUB12 VERSION AD	2007	6	0
079-2701	1997	1	0	827-1312	2004	10	250	931-1346	1999	4	0	CUB12 VERSION AD	2007	7	0
079-2701	1997	2	0	827-1312	2004	11	244	931-1346	1999	5	0	CUB12 VERSION AD	2007	8	0
079-2701	1997	3	0	827-1312	2004	12	12	931-1346	1999	6	0	CUB12 VERSION AD	2007	9	0
079-2701	1997	4	0	827-1312	2005	1	0	931-1346	1999	7	0	CUB12 VERSION AD	2007	10	0
079-2701	1997	5	0	827-1312	2005	2	287	931-1346	1999	8	0	CUB12 VERSION AD	2007	11	0
079-2701	1997	6	25	827-1312	2005	3	63	931-1346	1999	9	500	CUB12 VERSION AD	2007	12	0
079-2701	1997	7	0	827-1312	2005	4	25	931-1346	1999	10	0	CUB12 VERSION AD	2008	1	0
079-2701	1997	8	0	827-1312	2005	5	350	931-1346	1999	11	0	CUB12 VERSION AD	2008	2	0
079-2701	1997	9	0	827-1312	2005	6	290	931-1346	1999	12	500	CUB12 VERSION AD	2008	3	0
079-2701	1997	10	25	827-1312	2005	7	26	931-1346	2000	1	0	CUB12 VERSION AD	2008	4	0
079-2701	1997	11	10	827-1312	2005	8	116	931-1346	2000	2	0	CUB12 VERSION AD	2008	5	75352
079-2701	1997	12	0	827-1312	2005	9	49	931-1346	2000	3	0	CUB12 VERSION AD	2008	6	0
079-2701	1998	1	0	827-1312	2005	10	300	931-1346	2000	4	0	CUB12 VERSION AD	2008	7	0
079-2701	1998	2	0	827-1312	2005	11	426	931-1346	2000	5	0	CUB12 VERSION AD	2008	8	0
079-2701	1998	3	0	827-1312	2005	12	0	931-1346	2000	6	0	CUB12 VERSION AD	2008	9	527379
079-2701	1998	4	0	827-1312	2006	1	22	931-1346	2000	7	0	CUB12 VERSION AD	2008	10	0
079-2701	1998	5	1	827-1312	2006	2	300	931-1346	2000	8	0	CUB12 VERSION AD	2008	11	0
079-2701	1998	6	0	827-1312	2006	3	325	931-1346	2000	9	0	CUB12 VERSION AD	2008	12	0
079-2701	1998	7	0	827-1312	2006	4	42	931-1346	2000	10	0	CUB12 VERSION AD	2009	1	482621
079-2701	1998	8	0	827-1312	2006	5	116	931-1346	2000	11	0	CUB12 VERSION AD	2009	2	0
079-2701	1998	9	0	827-1312	2006	6	273	931-1346	2000	12	0	CUB12 VERSION AD	2009	3	0
079-2701	1998	10	0	827-1312	2006	7	0	931-1346	2001	1	0	HDLO-2416	2000	1	0
079-2701	1998	11	0	827-1312	2006	8	355	931-1346	2001	2	500	HDLO-2416	2000	2	0
079-2701	1998	12	5	827-1312	2006	9	313	931-1346	2001	3	0	HDLO-2416	2000	3	24
079-2701	1999	1	0	827-1312	2006	10	51	931-1346	2001	4	0	HDLO-2416	2000	4	0
079-2701	1999	2	0	827-1312	2006	11	326	931-1346	2001	5	0	HDLO-2416	2000	5	0
079-2701	1999	3	200	827-1312	2006	12	0	931-1346	2001	6	0	HDLO-2416	2000	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-2701	1999	4	0	827-1312	2007	1	462	931-1346	2001	7	0	HDLO-2416	2000	7	0
079-2701	1999	5	0	827-1312	2007	2	16	931-1346	2001	8	0	HDLO-2416	2000	8	24
079-2701	1999	6	0	827-1312	2007	3	1796	931-1346	2001	9	0	HDLO-2416	2000	9	0
079-2701	1999	7	0	827-1312	2007	4	0	931-1346	2001	10	0	HDLO-2416	2000	10	0
079-2701	1999	8	0	827-1312	2007	5	116	931-1346	2001	11	0	HDLO-2416	2000	11	0
079-2701	1999	9	0	827-1312	2007	6	200	931-1346	2001	12	0	HDLO-2416	2000	12	0
079-2701	1999	10	5	827-1312	2007	7	200	931-1346	2002	1	0	HDLO-2416	2001	1	0
079-2701	1999	11	0	827-1312	2007	8	25	931-1346	2002	2	4	HDLO-2416	2001	2	0
079-2701	1999	12	0	827-1312	2007	9	201	931-1346	2002	3	0	HDLO-2416	2001	3	0
079-2701	2000	1	0	827-1312	2007	10	206	931-1346	2002	4	20	HDLO-2416	2001	4	49
079-2701	2000	2	0	827-1312	2007	11	624	931-1346	2002	5	500	HDLO-2416	2001	5	0
079-2701	2000	3	0	827-1312	2007	12	0	931-1346	2002	6	10	HDLO-2416	2001	6	4
079-2701	2000	4	250	827-1312	2008	1	260	931-1346	2002	7	0	HDLO-2416	2001	7	0
079-2701	2000	5	30	827-1312	2008	2	701	931-1346	2002	8	0	HDLO-2416	2001	8	12
079-2701	2000	6	0	827-1312	2008	3	100	931-1346	2002	9	0	HDLO-2416	2001	9	52
079-2701	2000	7	100	827-1312	2008	4	424	931-1346	2002	10	0	HDLO-2416	2001	10	150
079-2701	2000	8	0	827-1312	2008	5	25	931-1346	2002	11	0	HDLO-2416	2001	11	15
079-2701	2000	9	0	827-1312	2008	6	200	931-1346	2002	12	0	HDLO-2416	2001	12	0
079-2701	2000	10	0	827-1312	2008	7	250	931-1346	2003	1	0	HDLO-2416	2002	1	0
079-2701	2000	11	0	827-1312	2008	8	225	931-1346	2003	2	0	HDLO-2416	2002	2	0
079-2701	2000	12	0	827-1312	2008	9	52	931-1346	2003	3	0	HDLO-2416	2002	3	12
079-2701	2001	1	0	827-1312	2008	10	310	931-1346	2003	4	0	HDLO-2416	2002	4	153
079-2701	2001	2	0	827-1312	2008	11	105	931-1346	2003	5	150	HDLO-2416	2002	5	0
079-2701	2001	3	10	827-1312	2008	12	400	931-1346	2003	6	0	HDLO-2416	2002	6	0
079-2701	2001	4	500	827-1312	2009	1	60	931-1346	2003	7	250	HDLO-2416	2002	7	11
079-2701	2001	5	500	827-1312	2009	2	0	931-1346	2003	8	0	HDLO-2416	2002	8	2
079-2701	2001	6	0	827-1312	2009	3	0	931-1346	2003	9	1	HDLO-2416	2002	9	6
079-2701	2001	7	0	827-1399	1995	1	0	931-1346	2003	10	0	HDLO-2416	2002	10	8
079-2701	2001	8	51	827-1399	1995	2	0	931-1346	2003	11	256	HDLO-2416	2002	11	2
079-2701	2001	9	20	827-1399	1995	3	0	931-1346	2003	12	500	HDLO-2416	2002	12	0
079-2701	2001	10	1000	827-1399	1995	4	0	931-1346	2004	1	110	HDLO-2416	2003	1	6
079-2701	2001	11	0	827-1399	1995	5	0	931-1346	2004	2	1300	HDLO-2416	2003	2	0
079-2701	2001	12	0	827-1399	1995	6	13	931-1346	2004	3	2000	HDLO-2416	2003	3	50
079-2701	2002	1	0	827-1399	1995	7	0	931-1346	2004	4	0	HDLO-2416	2003	4	50
079-2701	2002	2	0	827-1399	1995	8	0	931-1346	2004	5	0	HDLO-2416	2003	5	0
079-2701	2002	3	0	827-1399	1995	9	4	931-1346	2004	6	0	HDLO-2416	2003	6	0
079-2701	2002	4	0	827-1399	1995	10	0	931-1346	2004	7	100	HDLO-2416	2003	7	5
079-2701	2002	5	0	827-1399	1995	11	1	931-1346	2004	8	250	HDLO-2416	2003	8	15
079-2701	2002	6	0	827-1399	1995	12	0	931-1346	2004	9	0	HDLO-2416	2003	9	7
079-2701	2002	7	0	827-1399	1996	1	2	931-1346	2004	10	0	HDLO-2416	2003	10	0
079-2701	2002	8	40	827-1399	1996	2	0	931-1346	2004	11	0	HDLO-2416	2003	11	0
079-2701	2002	9	0	827-1399	1996	3	0	931-1346	2004	12	0	HDLO-2416	2003	12	0
079-2701	2002	10	0	827-1399	1996	4	0	931-1346	2005	1	0	HDLO-2416	2004	1	0
079-2701	2002	11	0	827-1399	1996	5	0	931-1346	2005	2	0	HDLO-2416	2004	2	0
079-2701	2002	12	0	827-1399	1996	6	0	931-1346	2005	3	0	HDLO-2416	2004	3	1

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-2701	2003	1	15	827-1399	1996	7	0	931-1346	2005	4	300	HDLO-2416	2004	4	50
079-2701	2003	2	20	827-1399	1996	8	0	931-1346	2005	5	0	HDLO-2416	2004	5	65
079-2701	2003	3	0	827-1399	1996	9	0	931-1346	2005	6	0	HDLO-2416	2004	6	100
079-2701	2003	4	0	827-1399	1996	10	13	931-1346	2005	7	1	HDLO-2416	2004	7	42
079-2701	2003	5	0	827-1399	1996	11	0	931-1346	2005	8	25	HDLO-2416	2004	8	2
079-2701	2003	6	0	827-1399	1996	12	0	931-1346	2005	9	539	HDLO-2416	2004	9	2
079-2701	2003	7	25	827-1399	1997	1	0	931-1346	2005	10	0	HDLO-2416	2004	10	5
079-2701	2003	8	0	827-1399	1997	2	2	931-1346	2005	11	3000	HDLO-2416	2004	11	0
079-2701	2003	9	0	827-1399	1997	3	0	931-1346	2005	12	0	HDLO-2416	2004	12	100
079-2701	2003	10	0	827-1399	1997	4	10	931-1346	2006	1	0	HDLO-2416	2005	1	25
079-2701	2003	11	0	827-1399	1997	5	4	931-1346	2006	2	0	HDLO-2416	2005	2	0
079-2701	2003	12	540	827-1399	1997	6	0	931-1346	2006	3	530	HDLO-2416	2005	3	0
079-2701	2004	1	0	827-1399	1997	7	10	931-1346	2006	4	40	HDLO-2416	2005	4	0
079-2701	2004	2	0	827-1399	1997	8	0	931-1346	2006	5	0	HDLO-2416	2005	5	26
079-2701	2004	3	0	827-1399	1997	9	10	931-1346	2006	6	0	HDLO-2416	2005	6	0
079-2701	2004	4	0	827-1399	1997	10	0	931-1346	2006	7	0	HDLO-2416	2005	7	0
079-2701	2004	5	40	827-1399	1997	11	2	931-1346	2006	8	75	HDLO-2416	2005	8	0
079-2701	2004	6	0	827-1399	1997	12	25	931-1346	2006	9	500	HDLO-2416	2005	9	0
079-2701	2004	7	0	827-1399	1998	1	0	931-1346	2006	10	0	HDLO-2416	2005	10	0
079-2701	2004	8	0	827-1399	1998	2	0	931-1346	2006	11	0	HDLO-2416	2005	11	3
079-2701	2004	9	0	827-1399	1998	3	0	931-1346	2006	12	0	HDLO-2416	2005	12	3
079-2701	2004	10	0	827-1399	1998	4	0	931-1346	2007	1	0	HDLO-2416	2006	1	0
079-2701	2004	11	30	827-1399	1998	5	0	931-1346	2007	2	0	HDLO-2416	2006	2	0
079-2701	2004	12	0	827-1399	1998	6	0	931-1346	2007	3	0	HDLO-2416	2006	3	31
079-2701	2005	1	0	827-1399	1998	7	0	931-1346	2007	4	500	HDLO-2416	2006	4	0
079-2701	2005	2	0	827-1399	1998	8	0	931-1346	2007	5	0	HDLO-2416	2006	5	126
079-2701	2005	3	0	827-1399	1998	9	0	931-1346	2007	6	0	HDLO-2416	2006	6	0
079-2701	2005	4	0	827-1399	1998	10	1	931-1346	2007	7	0	HDLO-2416	2006	7	0
079-2701	2005	5	40	827-1399	1998	11	0	931-1346	2007	8	0	HDLO-2416	2006	8	0
079-2701	2005	6	0	827-1399	1998	12	0	931-1346	2007	9	0	HDLO-2416	2006	9	6
079-2701	2005	7	0	827-1399	1999	1	0	931-1346	2007	10	0	HDLO-2416	2006	10	0
079-2701	2005	8	0	827-1399	1999	2	10	931-1346	2007	11	0	HDLO-2416	2006	11	0
079-2701	2005	9	30	827-1399	1999	3	0	931-1346	2007	12	0	HDLO-2416	2006	12	0
079-2701	2005	10	0	827-1399	1999	4	7	931-1346	2008	1	0	HDLO-2416	2007	1	0
079-2701	2005	11	0	827-1399	1999	5	0	931-1346	2008	2	0	HDLO-2416	2007	2	0
079-2701	2005	12	0	827-1399	1999	6	0	931-1346	2008	3	0	HDLO-2416	2007	3	0
079-2701	2006	1	0	827-1399	1999	7	0	931-1346	2008	4	0	HDLO-2416	2007	4	0
079-2701	2006	2	0	827-1399	1999	8	0	931-1346	2008	5	489	HDLO-2416	2007	5	0
079-2701	2006	3	0	827-1399	1999	9	3	931-1346	2008	6	0	HDLO-2416	2007	6	25
079-2701	2006	4	50	827-1399	1999	10	20	931-1346	2008	7	0	HDLO-2416	2007	7	90
079-2701	2006	5	0	827-1399	1999	11	3	931-1346	2008	8	0	HDLO-2416	2007	8	0
079-2701	2006	6	0	827-1399	1999	12	0	931-1346	2008	9	0	HDLO-2416	2007	9	0
079-2701	2006	7	0	827-1399	2000	1	4	931-1346	2008	10	0	HDLO-2416	2007	10	0
079-2701	2006	8	0	827-1399	2000	2	0	931-1346	2008	11	0	HDLO-2416	2007	11	0
079-2701	2006	9	0	827-1399	2000	3	0	931-1346	2008	12	0	HDLO-2416	2007	12	40

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
079-2701	2006	10	40	827-1399	2000	4	0	931-1346	2009	1	0	HDLO-2416	2008	1	32
079-2701	2006	11	0	827-1399	2000	5	0	931-1346	2009	2	0	HDLO-2416	2008	2	0
079-2701	2006	12	50	827-1399	2000	6	0	931-1346	2009	3	0	HDLO-2416	2008	3	0
079-2701	2007	1	0	827-1399	2000	7	2	931-1389	1996	1	0	HDLO-2416	2008	4	0
079-2701	2007	2	0	827-1399	2000	8	0	931-1389	1996	2	0	HDLO-2416	2008	5	0
079-2701	2007	3	40	827-1399	2000	9	0	931-1389	1996	3	0	HDLO-2416	2008	6	0
079-2701	2007	4	40	827-1399	2000	10	10	931-1389	1996	4	50	HDLO-2416	2008	7	26
079-2701	2007	5	0	827-1399	2000	11	0	931-1389	1996	5	0	HDLO-2416	2008	8	0
079-2701	2007	6	0	827-1399	2000	12	0	931-1389	1996	6	0	HDLO-2416	2008	9	0
079-2701	2007	7	100	827-1399	2001	1	0	931-1389	1996	7	0	HDLO-2416	2008	10	6
079-2701	2007	8	10	827-1399	2001	2	0	931-1389	1996	8	0	HDLO-2416	2008	11	27
079-2701	2007	9	0	827-1399	2001	3	0	931-1389	1996	9	0	HDLO-2416	2008	12	0
079-2701	2007	10	0	827-1399	2001	4	0	931-1389	1996	10	0	HDLO-2416	2009	1	0
079-2701	2007	11	0	827-1399	2001	5	0	931-1389	1996	11	70	HDLO-2416	2009	2	0
079-2701	2007	12	0	827-1399	2001	6	0	931-1389	1996	12	0	HDLO-2416	2009	3	0
079-2701	2008	1	0	827-1399	2001	7	0	931-1389	1997	1	0	LAS8500	1995	1	0
079-2701	2008	2	0	827-1399	2001	8	0	931-1389	1997	2	0	LAS8500	1995	2	0
079-2701	2008	3	170	827-1399	2001	9	0	931-1389	1997	3	0	LAS8500	1995	3	0
079-2701	2008	4	50	827-1399	2001	10	0	931-1389	1997	4	0	LAS8500	1995	4	0
079-2701	2008	5	0	827-1399	2001	11	0	931-1389	1997	5	0	LAS8500	1995	5	0
079-2701	2008	6	0	827-1399	2001	12	0	931-1389	1997	6	0	LAS8500	1995	6	0
079-2701	2008	7	0	827-1399	2002	1	6	931-1389	1997	7	0	LAS8500	1995	7	0
079-2701	2008	8	0	827-1399	2002	2	0	931-1389	1997	8	0	LAS8500	1995	8	15
079-2701	2008	9	120	827-1399	2002	3	0	931-1389	1997	9	0	LAS8500	1995	9	5
079-2701	2008	10	0	827-1399	2002	4	0	931-1389	1997	10	0	LAS8500	1995	10	0
079-2701	2008	11	0	827-1399	2002	5	6	931-1389	1997	11	0	LAS8500	1995	11	0
079-2701	2008	12	0	827-1399	2002	6	0	931-1389	1997	12	0	LAS8500	1995	12	0
079-2701	2009	1	0	827-1399	2002	7	10	931-1389	1998	1	0	LAS8500	1996	1	0
079-2701	2009	2	0	827-1399	2002	8	0	931-1389	1998	2	70	LAS8500	1996	2	0
079-2701	2009	3	0	827-1399	2002	9	0	931-1389	1998	3	0	LAS8500	1996	3	0
1100-01025	2003	1	0	827-1399	2002	10	0	931-1389	1998	4	0	LAS8500	1996	4	0
1100-01025	2003	2	0	827-1399	2002	11	0	931-1389	1998	5	0	LAS8500	1996	5	0
1100-01025	2003	3	0	827-1399	2002	12	10	931-1389	1998	6	0	LAS8500	1996	6	0
1100-01025	2003	4	0	827-1399	2003	1	0	931-1389	1998	7	5	LAS8500	1996	7	3
1100-01025	2003	5	0	827-1399	2003	2	0	931-1389	1998	8	0	LAS8500	1996	8	0
1100-01025	2003	6	30	827-1399	2003	3	6	931-1389	1998	9	0	LAS8500	1996	9	0
1100-01025	2003	7	0	827-1399	2003	4	0	931-1389	1998	10	0	LAS8500	1996	10	0
1100-01025	2003	8	0	827-1399	2003	5	0	931-1389	1998	11	0	LAS8500	1996	11	12
1100-01025	2003	9	0	827-1399	2003	6	5	931-1389	1998	12	82	LAS8500	1996	12	0
1100-01025	2003	10	0	827-1399	2003	7	4	931-1389	1999	1	0	LAS8500	1997	1	0
1100-01025	2003	11	0	827-1399	2003	8	0	931-1389	1999	2	0	LAS8500	1997	2	2
1100-01025	2003	12	0	827-1399	2003	9	0	931-1389	1999	3	0	LAS8500	1997	3	0
1100-01025	2004	1	0	827-1399	2003	10	0	931-1389	1999	4	0	LAS8500	1997	4	100
1100-01025	2004	2	0	827-1399	2003	11	0	931-1389	1999	5	0	LAS8500	1997	5	63
1100-01025	2004	3	2	827-1399	2003	12	6	931-1389	1999	6	0	LAS8500	1997	6	137

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
1100-01025	2004	4	7	827-1399	2004	1	5	931-1389	1999	7	0	LAS8500	1997	7	12
1100-01025	2004	5	0	827-1399	2004	2	0	931-1389	1999	8	0	LAS8500	1997	8	50
1100-01025	2004	6	0	827-1399	2004	3	0	931-1389	1999	9	0	LAS8500	1997	9	0
1100-01025	2004	7	4	827-1399	2004	4	2	931-1389	1999	10	0	LAS8500	1997	10	15
1100-01025	2004	8	9	827-1399	2004	5	5	931-1389	1999	11	0	LAS8500	1997	11	0
1100-01025	2004	9	27	827-1399	2004	6	0	931-1389	1999	12	0	LAS8500	1997	12	0
1100-01025	2004	10	0	827-1399	2004	7	2	931-1389	2000	1	0	LAS8500	1998	1	0
1100-01025	2004	11	0	827-1399	2004	8	0	931-1389	2000	2	0	LAS8500	1998	2	6
1100-01025	2004	12	10	827-1399	2004	9	0	931-1389	2000	3	0	LAS8500	1998	3	24
1100-01025	2005	1	5	827-1399	2004	10	0	931-1389	2000	4	0	LAS8500	1998	4	8
1100-01025	2005	2	0	827-1399	2004	11	0	931-1389	2000	5	0	LAS8500	1998	5	0
1100-01025	2005	3	1	827-1399	2004	12	0	931-1389	2000	6	65	LAS8500	1998	6	30
1100-01025	2005	4	0	827-1399	2005	1	6	931-1389	2000	7	0	LAS8500	1998	7	90
1100-01025	2005	5	2	827-1399	2005	2	2	931-1389	2000	8	0	LAS8500	1998	8	22
1100-01025	2005	6	15	827-1399	2005	3	4	931-1389	2000	9	0	LAS8500	1998	9	12
1100-01025	2005	7	12	827-1399	2005	4	2	931-1389	2000	10	100	LAS8500	1998	10	0
1100-01025	2005	8	0	827-1399	2005	5	7	931-1389	2000	11	0	LAS8500	1998	11	20
1100-01025	2005	9	0	827-1399	2005	6	0	931-1389	2000	12	0	LAS8500	1998	12	6
1100-01025	2005	10	16	827-1399	2005	7	0	931-1389	2001	1	0	LAS8500	1999	1	100
1100-01025	2005	11	3	827-1399	2005	8	2	931-1389	2001	2	0	LAS8500	1999	2	0
1100-01025	2005	12	10	827-1399	2005	9	2	931-1389	2001	3	0	LAS8500	1999	3	50
1100-01025	2006	1	5	827-1399	2005	10	0	931-1389	2001	4	0	LAS8500	1999	4	100
1100-01025	2006	2	0	827-1399	2005	11	0	931-1389	2001	5	0	LAS8500	1999	5	387
1100-01025	2006	3	27	827-1399	2005	12	2	931-1389	2001	6	0	LAS8500	1999	6	0
1100-01025	2006	4	1	827-1399	2006	1	17	931-1389	2001	7	0	LAS8500	1999	7	0
1100-01025	2006	5	10	827-1399	2006	2	2	931-1389	2001	8	0	LAS8500	1999	8	256
1100-01025	2006	6	0	827-1399	2006	3	2	931-1389	2001	9	0	LAS8500	1999	9	50
1100-01025	2006	7	4	827-1399	2006	4	0	931-1389	2001	10	0	LAS8500	1999	10	0
1100-01025	2006	8	31	827-1399	2006	5	8	931-1389	2001	11	0	LAS8500	1999	11	10
1100-01025	2006	9	54	827-1399	2006	6	0	931-1389	2001	12	101	LAS8500	1999	12	90
1100-01025	2006	10	21	827-1399	2006	7	10	931-1389	2002	1	0	LAS8500	2000	1	75
1100-01025	2006	11	0	827-1399	2006	8	0	931-1389	2002	2	0	LAS8500	2000	2	1860
1100-01025	2006	12	33	827-1399	2006	9	10	931-1389	2002	3	0	LAS8500	2000	3	775
1100-01025	2007	1	0	827-1399	2006	10	0	931-1389	2002	4	0	LAS8500	2000	4	745
1100-01025	2007	2	5	827-1399	2006	11	12	931-1389	2002	5	0	LAS8500	2000	5	254
1100-01025	2007	3	0	827-1399	2006	12	0	931-1389	2002	6	0	LAS8500	2000	6	3112
1100-01025	2007	4	23	827-1399	2007	1	4	931-1389	2002	7	0	LAS8500	2000	7	100
1100-01025	2007	5	1	827-1399	2007	2	4	931-1389	2002	8	0	LAS8500	2000	8	252
1100-01025	2007	6	0	827-1399	2007	3	15	931-1389	2002	9	70	LAS8500	2000	9	694
1100-01025	2007	7	2	827-1399	2007	4	0	931-1389	2002	10	0	LAS8500	2000	10	0
1100-01025	2007	8	0	827-1399	2007	5	0	931-1389	2002	11	0	LAS8500	2000	11	197
1100-01025	2007	9	0	827-1399	2007	6	0	931-1389	2002	12	0	LAS8500	2000	12	289
1100-01025	2007	10	0	827-1399	2007	7	10	931-1389	2003	1	0	LAS8500	2001	1	139
1100-01025	2007	11	10	827-1399	2007	8	0	931-1389	2003	2	0	LAS8500	2001	2	6
1100-01025	2007	12	0	827-1399	2007	9	16	931-1389	2003	3	0	LAS8500	2001	3	25

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
1100-01025	2008	1	12	827-1399	2007	10	0	931-1389	2003	4	0	LAS8500	2001	4	0
1100-01025	2008	2	3	827-1399	2007	11	10	931-1389	2003	5	0	LAS8500	2001	5	260
1100-01025	2008	3	0	827-1399	2007	12	0	931-1389	2003	6	80	LAS8500	2001	6	500
1100-01025	2008	4	0	827-1399	2008	1	6	931-1389	2003	7	0	LAS8500	2001	7	361
1100-01025	2008	5	2	827-1399	2008	2	12	931-1389	2003	8	0	LAS8500	2001	8	115
1100-01025	2008	6	20	827-1399	2008	3	10	931-1389	2003	9	0	LAS8500	2001	9	60
1100-01025	2008	7	0	827-1399	2008	4	0	931-1389	2003	10	0	LAS8500	2001	10	33
1100-01025	2008	8	0	827-1399	2008	5	0	931-1389	2003	11	0	LAS8500	2001	11	62
1100-01025	2008	9	0	827-1399	2008	6	11	931-1389	2003	12	0	LAS8500	2001	12	150
1100-01025	2008	10	10	827-1399	2008	7	0	931-1389	2004	1	80	LAS8500	2002	1	10
1100-01025	2008	11	0	827-1399	2008	8	0	931-1389	2004	2	0	LAS8500	2002	2	0
1100-01025	2008	12	0	827-1399	2008	9	4	931-1389	2004	3	0	LAS8500	2002	3	432
1100-01025	2009	1	4	827-1399	2008	10	0	931-1389	2004	4	0	LAS8500	2002	4	32
1100-01025	2009	2	0	827-1399	2008	11	10	931-1389	2004	5	0	LAS8500	2002	5	0
1100-01025	2009	3	0	827-1399	2008	12	10	931-1389	2004	6	0	LAS8500	2002	6	0
1100-01038	2005	1	0	827-1399	2009	1	0	931-1389	2004	7	0	LAS8500	2002	7	0
1100-01038	2005	2	0	827-1399	2009	2	0	931-1389	2004	8	95	LAS8500	2002	8	0
1100-01038	2005	3	0	827-1399	2009	3	0	931-1389	2004	9	0	LAS8500	2002	9	0
1100-01038	2005	4	0	827-1510	2000	1	0	931-1389	2004	10	0	LAS8500	2002	10	0
1100-01038	2005	5	4	827-1510	2000	2	0	931-1389	2004	11	0	LAS8500	2002	11	200
1100-01038	2005	6	11	827-1510	2000	3	0	931-1389	2004	12	0	LAS8500	2002	12	0
1100-01038	2005	7	0	827-1510	2000	4	0	931-1389	2005	1	0	LAS8500	2003	1	0
1100-01038	2005	8	0	827-1510	2000	5	0	931-1389	2005	2	0	LAS8500	2003	2	0
1100-01038	2005	9	0	827-1510	2000	6	0	931-1389	2005	3	0	LAS8500	2003	3	50
1100-01038	2005	10	0	827-1510	2000	7	0	931-1389	2005	4	0	LAS8500	2003	4	0
1100-01038	2005	11	0	827-1510	2000	8	0	931-1389	2005	5	0	LAS8500	2003	5	0
1100-01038	2005	12	0	827-1510	2000	9	0	931-1389	2005	6	101	LAS8500	2003	6	0
1100-01038	2006	1	0	827-1510	2000	10	1	931-1389	2005	7	0	LAS8500	2003	7	360
1100-01038	2006	2	0	827-1510	2000	11	0	931-1389	2005	8	0	LAS8500	2003	8	0
1100-01038	2006	3	0	827-1510	2000	12	0	931-1389	2005	9	0	LAS8500	2003	9	10
1100-01038	2006	4	0	827-1510	2001	1	0	931-1389	2005	10	0	LAS8500	2003	10	0
1100-01038	2006	5	0	827-1510	2001	2	0	931-1389	2005	11	0	LAS8500	2003	11	0
1100-01038	2006	6	0	827-1510	2001	3	0	931-1389	2005	12	0	LAS8500	2003	12	100
1100-01038	2006	7	0	827-1510	2001	4	0	931-1389	2006	1	0	LAS8500	2004	1	50
1100-01038	2006	8	20	827-1510	2001	5	0	931-1389	2006	2	0	LAS8500	2004	2	0
1100-01038	2006	9	1	827-1510	2001	6	0	931-1389	2006	3	0	LAS8500	2004	3	0
1100-01038	2006	10	0	827-1510	2001	7	0	931-1389	2006	4	0	LAS8500	2004	4	0
1100-01038	2006	11	0	827-1510	2001	8	0	931-1389	2006	5	0	LAS8500	2004	5	65
1100-01038	2006	12	14	827-1510	2001	9	0	931-1389	2006	6	0	LAS8500	2004	6	50
1100-01038	2007	1	0	827-1510	2001	10	0	931-1389	2006	7	0	LAS8500	2004	7	0
1100-01038	2007	2	0	827-1510	2001	11	0	931-1389	2006	8	0	LAS8500	2004	8	102
1100-01038	2007	3	0	827-1510	2001	12	0	931-1389	2006	9	120	LAS8500	2004	9	0
1100-01038	2007	4	11	827-1510	2002	1	0	931-1389	2006	10	0	LAS8500	2004	10	0
1100-01038	2007	5	20	827-1510	2002	2	0	931-1389	2006	11	0	LAS8500	2004	11	0
1100-01038	2007	6	0	827-1510	2002	3	0	931-1389	2006	12	0	LAS8500	2004	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
1100-01038	2007	7	17	827-1510	2002	4	0	931-1389	2007	1	0	LAS8500	2005	1	20
1100-01038	2007	8	0	827-1510	2002	5	0	931-1389	2007	2	0	LAS8500	2005	2	20
1100-01038	2007	9	0	827-1510	2002	6	0	931-1389	2007	3	0	LAS8500	2005	3	100
1100-01038	2007	10	0	827-1510	2002	7	0	931-1389	2007	4	0	LAS8500	2005	4	0
1100-01038	2007	11	0	827-1510	2002	8	0	931-1389	2007	5	0	LAS8500	2005	5	20
1100-01038	2007	12	0	827-1510	2002	9	0	931-1389	2007	6	0	LAS8500	2005	6	0
1100-01038	2008	1	40	827-1510	2002	10	0	931-1389	2007	7	0	LAS8500	2005	7	0
1100-01038	2008	2	0	827-1510	2002	11	0	931-1389	2007	8	0	LAS8500	2005	8	50
1100-01038	2008	3	0	827-1510	2002	12	0	931-1389	2007	9	0	LAS8500	2005	9	20
1100-01038	2008	4	11	827-1510	2003	1	0	931-1389	2007	10	0	LAS8500	2005	10	50
1100-01038	2008	5	0	827-1510	2003	2	0	931-1389	2007	11	0	LAS8500	2005	11	0
1100-01038	2008	6	32	827-1510	2003	3	0	931-1389	2007	12	100	LAS8500	2005	12	50
1100-01038	2008	7	20	827-1510	2003	4	0	931-1389	2008	1	0	LAS8500	2006	1	0
1100-01038	2008	8	0	827-1510	2003	5	0	931-1389	2008	2	0	LAS8500	2006	2	0
1100-01038	2008	9	0	827-1510	2003	6	0	931-1389	2008	3	0	LAS8500	2006	3	224
1100-01038	2008	10	0	827-1510	2003	7	0	931-1389	2008	4	0	LAS8500	2006	4	0
1100-01038	2008	11	0	827-1510	2003	8	0	931-1389	2008	5	0	LAS8500	2006	5	0
1100-01038	2008	12	0	827-1510	2003	9	0	931-1389	2008	6	0	LAS8500	2006	6	0
1100-01038	2009	1	0	827-1510	2003	10	0	931-1389	2008	7	0	LAS8500	2006	7	0
1100-01038	2009	2	0	827-1510	2003	11	0	931-1389	2008	8	0	LAS8500	2006	8	0
1100-01038	2009	3	0	827-1510	2003	12	0	931-1389	2008	9	0	LAS8500	2006	9	0
1100-08037	2004	1	0	827-1510	2004	1	0	931-1389	2008	10	0	LAS8500	2006	10	0
1100-08037	2004	2	0	827-1510	2004	2	0	931-1389	2008	11	0	LAS8500	2006	11	120
1100-08037	2004	3	4	827-1510	2004	3	0	931-1389	2008	12	0	LAS8500	2006	12	50
1100-08037	2004	4	7	827-1510	2004	4	0	931-1389	2009	1	0	LAS8500	2007	1	0
1100-08037	2004	5	0	827-1510	2004	5	0	931-1389	2009	2	0	LAS8500	2007	2	0
1100-08037	2004	6	0	827-1510	2004	6	0	931-1389	2009	3	0	LAS8500	2007	3	0
1100-08037	2004	7	0	827-1510	2004	7	0	931-1392	1995	1	0	LAS8500	2007	4	0
1100-08037	2004	8	0	827-1510	2004	8	0	931-1392	1995	2	0	LAS8500	2007	5	0
1100-08037	2004	9	0	827-1510	2004	9	0	931-1392	1995	3	0	LAS8500	2007	6	0
1100-08037	2004	10	0	827-1510	2004	10	0	931-1392	1995	4	0	LAS8500	2007	7	0
1100-08037	2004	11	0	827-1510	2004	11	0	931-1392	1995	5	0	LAS8500	2007	8	0
1100-08037	2004	12	0	827-1510	2004	12	0	931-1392	1995	6	0	LAS8500	2007	9	0
1100-08037	2005	1	9	827-1510	2005	1	0	931-1392	1995	7	0	LAS8500	2007	10	0
1100-08037	2005	2	0	827-1510	2005	2	0	931-1392	1995	8	0	LAS8500	2007	11	0
1100-08037	2005	3	0	827-1510	2005	3	0	931-1392	1995	9	0	LAS8500	2007	12	0
1100-08037	2005	4	0	827-1510	2005	4	55	931-1392	1995	10	0	LAS8500	2008	1	900
1100-08037	2005	5	1	827-1510	2005	5	0	931-1392	1995	11	15	LAS8500	2008	2	5
1100-08037	2005	6	15	827-1510	2005	6	0	931-1392	1995	12	0	LAS8500	2008	3	17
1100-08037	2005	7	6	827-1510	2005	7	0	931-1392	1996	1	0	LAS8500	2008	4	0
1100-08037	2005	8	0	827-1510	2005	8	0	931-1392	1996	2	0	LAS8500	2008	5	0
1100-08037	2005	9	0	827-1510	2005	9	0	931-1392	1996	3	0	LAS8500	2008	6	0
1100-08037	2005	10	18	827-1510	2005	10	0	931-1392	1996	4	0	LAS8500	2008	7	145
1100-08037	2005	11	0	827-1510	2005	11	0	931-1392	1996	5	0	LAS8500	2008	8	0
1100-08037	2005	12	0	827-1510	2005	12	0	931-1392	1996	6	0	LAS8500	2008	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
1100-08037	2006	1	5	827-1510	2006	1	0	931-1392	1996	7	0	LAS8500	2008	10	0
1100-08037	2006	2	0	827-1510	2006	2	0	931-1392	1996	8	0	LAS8500	2008	11	0
1100-08037	2006	3	0	827-1510	2006	3	0	931-1392	1996	9	0	LAS8500	2008	12	0
1100-08037	2006	4	0	827-1510	2006	4	0	931-1392	1996	10	0	LAS8500	2009	1	0
1100-08037	2006	5	0	827-1510	2006	5	0	931-1392	1996	11	0	LAS8500	2009	2	0
1100-08037	2006	6	0	827-1510	2006	6	0	931-1392	1996	12	0	LAS8500	2009	3	0
1100-08037	2006	7	0	827-1510	2006	7	0	931-1392	1997	1	0	MF-RC17101C/03E	2002	1	6470
1100-08037	2006	8	10	827-1510	2006	8	0	931-1392	1997	2	0	MF-RC17101C/03E	2002	2	0
1100-08037	2006	9	0	827-1510	2006	9	0	931-1392	1997	3	0	MF-RC17101C/03E	2002	3	0
1100-08037	2006	10	1	827-1510	2006	10	0	931-1392	1997	4	0	MF-RC17101C/03E	2002	4	0
1100-08037	2006	11	0	827-1510	2006	11	0	931-1392	1997	5	0	MF-RC17101C/03E	2002	5	0
1100-08037	2006	12	6	827-1510	2006	12	0	931-1392	1997	6	0	MF-RC17101C/03E	2002	6	150
1100-08037	2007	1	0	827-1510	2007	1	0	931-1392	1997	7	0	MF-RC17101C/03E	2002	7	0
1100-08037	2007	2	8	827-1510	2007	2	0	931-1392	1997	8	0	MF-RC17101C/03E	2002	8	0
1100-08037	2007	3	4	827-1510	2007	3	0	931-1392	1997	9	0	MF-RC17101C/03E	2002	9	0
1100-08037	2007	4	16	827-1510	2007	4	0	931-1392	1997	10	0	MF-RC17101C/03E	2002	10	30
1100-08037	2007	5	0	827-1510	2007	5	0	931-1392	1997	11	0	MF-RC17101C/03E	2002	11	0
1100-08037	2007	6	0	827-1510	2007	6	0	931-1392	1997	12	0	MF-RC17101C/03E	2002	12	0
1100-08037	2007	7	0	827-1510	2007	7	0	931-1392	1998	1	0	MF-RC17101C/03E	2003	1	0
1100-08037	2007	8	0	827-1510	2007	8	0	931-1392	1998	2	0	MF-RC17101C/03E	2003	2	0
1100-08037	2007	9	1	827-1510	2007	9	0	931-1392	1998	3	0	MF-RC17101C/03E	2003	3	0
1100-08037	2007	10	0	827-1510	2007	10	0	931-1392	1998	4	0	MF-RC17101C/03E	2003	4	0
1100-08037	2007	11	10	827-1510	2007	11	0	931-1392	1998	5	0	MF-RC17101C/03E	2003	5	0
1100-08037	2007	12	20	827-1510	2007	12	0	931-1392	1998	6	0	MF-RC17101C/03E	2003	6	0
1100-08037	2008	1	3	827-1510	2008	1	100	931-1392	1998	7	0	MF-RC17101C/03E	2003	7	0
1100-08037	2008	2	2	827-1510	2008	2	0	931-1392	1998	8	0	MF-RC17101C/03E	2003	8	0
1100-08037	2008	3	11	827-1510	2008	3	0	931-1392	1998	9	0	MF-RC17101C/03E	2003	9	0
1100-08037	2008	4	0	827-1510	2008	4	0	931-1392	1998	10	0	MF-RC17101C/03E	2003	10	0
1100-08037	2008	5	2	827-1510	2008	5	0	931-1392	1998	11	0	MF-RC17101C/03E	2003	11	0
1100-08037	2008	6	0	827-1510	2008	6	0	931-1392	1998	12	0	MF-RC17101C/03E	2003	12	0
1100-08037	2008	7	2	827-1510	2008	7	0	931-1392	1999	1	0	MF-RC17101C/03E	2004	1	0
1100-08037	2008	8	1	827-1510	2008	8	0	931-1392	1999	2	0	MF-RC17101C/03E	2004	2	0
1100-08037	2008	9	2	827-1510	2008	9	0	931-1392	1999	3	0	MF-RC17101C/03E	2004	3	0
1100-08037	2008	10	8	827-1510	2008	10	0	931-1392	1999	4	0	MF-RC17101C/03E	2004	4	0
1100-08037	2008	11	0	827-1510	2008	11	0	931-1392	1999	5	9	MF-RC17101C/03E	2004	5	0
1100-08037	2008	12	12	827-1510	2008	12	0	931-1392	1999	6	0	MF-RC17101C/03E	2004	6	0
1100-08037	2009	1	0	827-1510	2009	1	0	931-1392	1999	7	0	MF-RC17101C/03E	2004	7	0
1100-08037	2009	2	0	827-1510	2009	2	0	931-1392	1999	8	0	MF-RC17101C/03E	2004	8	0
1100-08037	2009	3	0	827-1510	2009	3	0	931-1392	1999	9	0	MF-RC17101C/03E	2004	9	0
1100-08107	2005	1	0	827-1538	1995	1	0	931-1392	1999	10	12	MF-RC17101C/03E	2004	10	0
1100-08107	2005	2	0	827-1538	1995	2	190	931-1392	1999	11	0	MF-RC17101C/03E	2004	11	0
1100-08107	2005	3	0	827-1538	1995	3	25	931-1392	1999	12	0	MF-RC17101C/03E	2004	12	0
1100-08107	2005	4	0	827-1538	1995	4	112	931-1392	2000	1	0	MF-RC17101C/03E	2005	1	0
1100-08107	2005	5	0	827-1538	1995	5	13	931-1392	2000	2	0	MF-RC17101C/03E	2005	2	0
1100-08107	2005	6	15	827-1538	1995	6	203	931-1392	2000	3	0	MF-RC17101C/03E	2005	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
1100-08107	2005	7	0	827-1538	1995	7	157	931-1392	2000	4	0	MF-RC17101C/03E	2005	4	0
1100-08107	2005	8	0	827-1538	1995	8	39	931-1392	2000	5	0	MF-RC17101C/03E	2005	5	0
1100-08107	2005	9	0	827-1538	1995	9	150	931-1392	2000	6	0	MF-RC17101C/03E	2005	6	3505
1100-08107	2005	10	0	827-1538	1995	10	60	931-1392	2000	7	30	MF-RC17101C/03E	2005	7	0
1100-08107	2005	11	0	827-1538	1995	11	182	931-1392	2000	8	0	MF-RC17101C/03E	2005	8	460
1100-08107	2005	12	0	827-1538	1995	12	110	931-1392	2000	9	0	MF-RC17101C/03E	2005	9	0
1100-08107	2006	1	0	827-1538	1996	1	93	931-1392	2000	10	0	MF-RC17101C/03E	2005	10	1030
1100-08107	2006	2	0	827-1538	1996	2	224	931-1392	2000	11	0	MF-RC17101C/03E	2005	11	0
1100-08107	2006	3	0	827-1538	1996	3	173	931-1392	2000	12	0	MF-RC17101C/03E	2005	12	1215
1100-08107	2006	4	0	827-1538	1996	4	155	931-1392	2001	1	0	MF-RC17101C/03E	2006	1	0
1100-08107	2006	5	0	827-1538	1996	5	11	931-1392	2001	2	0	MF-RC17101C/03E	2006	2	3018
1100-08107	2006	6	0	827-1538	1996	6	383	931-1392	2001	3	0	MF-RC17101C/03E	2006	3	0
1100-08107	2006	7	0	827-1538	1996	7	189	931-1392	2001	4	0	MF-RC17101C/03E	2006	4	650
1100-08107	2006	8	0	827-1538	1996	8	10	931-1392	2001	5	0	MF-RC17101C/03E	2006	5	100
1100-08107	2006	9	0	827-1538	1996	9	129	931-1392	2001	6	0	MF-RC17101C/03E	2006	6	350
1100-08107	2006	10	0	827-1538	1996	10	160	931-1392	2001	7	0	MF-RC17101C/03E	2006	7	60
1100-08107	2006	11	0	827-1538	1996	11	219	931-1392	2001	8	51	MF-RC17101C/03E	2006	8	30
1100-08107	2006	12	0	827-1538	1996	12	10	931-1392	2001	9	0	MF-RC17101C/03E	2006	9	400
1100-08107	2007	1	0	827-1538	1997	1	494	931-1392	2001	10	0	MF-RC17101C/03E	2006	10	0
1100-08107	2007	2	0	827-1538	1997	2	326	931-1392	2001	11	0	MF-RC17101C/03E	2006	11	130
1100-08107	2007	3	0	827-1538	1997	3	212	931-1392	2001	12	0	MF-RC17101C/03E	2006	12	0
1100-08107	2007	4	0	827-1538	1997	4	20	931-1392	2002	1	0	MF-RC17101C/03E	2007	1	0
1100-08107	2007	5	0	827-1538	1997	5	202	931-1392	2002	2	0	MF-RC17101C/03E	2007	2	320
1100-08107	2007	6	0	827-1538	1997	6	18	931-1392	2002	3	0	MF-RC17101C/03E	2007	3	5050
1100-08107	2007	7	0	827-1538	1997	7	243	931-1392	2002	4	66	MF-RC17101C/03E	2007	4	999
1100-08107	2007	8	0	827-1538	1997	8	120	931-1392	2002	5	0	MF-RC17101C/03E	2007	5	0
1100-08107	2007	9	0	827-1538	1997	9	250	931-1392	2002	6	0	MF-RC17101C/03E	2007	6	0
1100-08107	2007	10	0	827-1538	1997	10	225	931-1392	2002	7	0	MF-RC17101C/03E	2007	7	0
1100-08107	2007	11	0	827-1538	1997	11	70	931-1392	2002	8	0	MF-RC17101C/03E	2007	8	2700
1100-08107	2007	12	0	827-1538	1997	12	494	931-1392	2002	9	0	MF-RC17101C/03E	2007	9	150
1100-08107	2008	1	0	827-1538	1998	1	16	931-1392	2002	10	0	MF-RC17101C/03E	2007	10	0
1100-08107	2008	2	0	827-1538	1998	2	205	931-1392	2002	11	0	MF-RC17101C/03E	2007	11	0
1100-08107	2008	3	0	827-1538	1998	3	21	931-1392	2002	12	0	MF-RC17101C/03E	2007	12	1843
1100-08107	2008	4	0	827-1538	1998	4	150	931-1392	2003	1	0	MF-RC17101C/03E	2008	1	846
1100-08107	2008	5	230	827-1538	1998	5	135	931-1392	2003	2	0	MF-RC17101C/03E	2008	2	0
1100-08107	2008	6	0	827-1538	1998	6	523	931-1392	2003	3	0	MF-RC17101C/03E	2008	3	0
1100-08107	2008	7	0	827-1538	1998	7	220	931-1392	2003	4	0	MF-RC17101C/03E	2008	4	0
1100-08107	2008	8	0	827-1538	1998	8	608	931-1392	2003	5	0	MF-RC17101C/03E	2008	5	0
1100-08107	2008	9	0	827-1538	1998	9	416	931-1392	2003	6	0	MF-RC17101C/03E	2008	6	0
1100-08107	2008	10	0	827-1538	1998	10	120	931-1392	2003	7	0	MF-RC17101C/03E	2008	7	0
1100-08107	2008	11	0	827-1538	1998	11	1047	931-1392	2003	8	0	MF-RC17101C/03E	2008	8	288
1100-08107	2008	12	0	827-1538	1998	12	400	931-1392	2003	9	0	MF-RC17101C/03E	2008	9	216
1100-08107	2009	1	0	827-1538	1999	1	27	931-1392	2003	10	0	MF-RC17101C/03E	2008	10	0
1100-08107	2009	2	0	827-1538	1999	2	24	931-1392	2003	11	0	MF-RC17101C/03E	2008	11	0
1100-08107	2009	3	0	827-1538	1999	3	386	931-1392	2003	12	0	MF-RC17101C/03E	2008	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
116-08094	1998	1	0	827-1538	1999	4	172	931-1392	2004	1	7	MF-RC17101C/03E	2009	1	0
116-08094	1998	2	0	827-1538	1999	5	38	931-1392	2004	2	0	MF-RC17101C/03E	2009	2	0
116-08094	1998	3	0	827-1538	1999	6	1100	931-1392	2004	3	0	MF-RC17101C/03E	2009	3	0
116-08094	1998	4	26	827-1538	1999	7	20	931-1392	2004	4	0	SME0764302	2001	1	40
116-08094	1998	5	0	827-1538	1999	8	225	931-1392	2004	5	0	SME0764302	2001	2	0
116-08094	1998	6	0	827-1538	1999	9	114	931-1392	2004	6	0	SME0764302	2001	3	0
116-08094	1998	7	0	827-1538	1999	10	0	931-1392	2004	7	0	SME0764302	2001	4	0
116-08094	1998	8	0	827-1538	1999	11	310	931-1392	2004	8	0	SME0764302	2001	5	0
116-08094	1998	9	0	827-1538	1999	12	1000	931-1392	2004	9	0	SME0764302	2001	6	0
116-08094	1998	10	0	827-1538	2000	1	45	931-1392	2004	10	0	SME0764302	2001	7	0
116-08094	1998	11	0	827-1538	2000	2	70	931-1392	2004	11	0	SME0764302	2001	8	0
116-08094	1998	12	78	827-1538	2000	3	300	931-1392	2004	12	0	SME0764302	2001	9	0
116-08094	1999	1	0	827-1538	2000	4	1250	931-1392	2005	1	18	SME0764302	2001	10	0
116-08094	1999	2	0	827-1538	2000	5	20	931-1392	2005	2	0	SME0764302	2001	11	0
116-08094	1999	3	0	827-1538	2000	6	20	931-1392	2005	3	0	SME0764302	2001	12	0
116-08094	1999	4	0	827-1538	2000	7	40	931-1392	2005	4	0	SME0764302	2002	1	30
116-08094	1999	5	0	827-1538	2000	8	70	931-1392	2005	5	0	SME0764302	2002	2	0
116-08094	1999	6	157	827-1538	2000	9	10	931-1392	2005	6	0	SME0764302	2002	3	0
116-08094	1999	7	0	827-1538	2000	10	58	931-1392	2005	7	0	SME0764302	2002	4	0
116-08094	1999	8	0	827-1538	2000	11	100	931-1392	2005	8	0	SME0764302	2002	5	0
116-08094	1999	9	0	827-1538	2000	12	0	931-1392	2005	9	0	SME0764302	2002	6	0
116-08094	1999	10	0	827-1538	2001	1	56	931-1392	2005	10	0	SME0764302	2002	7	0
116-08094	1999	11	0	827-1538	2001	2	10	931-1392	2005	11	0	SME0764302	2002	8	0
116-08094	1999	12	0	827-1538	2001	3	50	931-1392	2005	12	0	SME0764302	2002	9	0
116-08094	2000	1	0	827-1538	2001	4	1008	931-1392	2006	1	0	SME0764302	2002	10	40
116-08094	2000	2	0	827-1538	2001	5	10	931-1392	2006	2	0	SME0764302	2002	11	0
116-08094	2000	3	0	827-1538	2001	6	100	931-1392	2006	3	0	SME0764302	2002	12	0
116-08094	2000	4	0	827-1538	2001	7	2	931-1392	2006	4	0	SME0764302	2003	1	0
116-08094	2000	5	0	827-1538	2001	8	320	931-1392	2006	5	0	SME0764302	2003	2	0
116-08094	2000	6	0	827-1538	2001	9	101	931-1392	2006	6	0	SME0764302	2003	3	0
116-08094	2000	7	0	827-1538	2001	10	1131	931-1392	2006	7	0	SME0764302	2003	4	0
116-08094	2000	8	0	827-1538	2001	11	1415	931-1392	2006	8	0	SME0764302	2003	5	0
116-08094	2000	9	0	827-1538	2001	12	10	931-1392	2006	9	0	SME0764302	2003	6	0
116-08094	2000	10	0	827-1538	2002	1	6	931-1392	2006	10	0	SME0764302	2003	7	0
116-08094	2000	11	0	827-1538	2002	2	210	931-1392	2006	11	0	SME0764302	2003	8	0
116-08094	2000	12	0	827-1538	2002	3	1000	931-1392	2006	12	0	SME0764302	2003	9	0
116-08094	2001	1	0	827-1538	2002	4	6	931-1392	2007	1	0	SME0764302	2003	10	0
116-08094	2001	2	0	827-1538	2002	5	200	931-1392	2007	2	0	SME0764302	2003	11	0
116-08094	2001	3	0	827-1538	2002	6	10	931-1392	2007	3	0	SME0764302	2003	12	0
116-08094	2001	4	0	827-1538	2002	7	0	931-1392	2007	4	0	SME0764302	2004	1	0
116-08094	2001	5	0	827-1538	2002	8	453	931-1392	2007	5	0	SME0764302	2004	2	0
116-08094	2001	6	0	827-1538	2002	9	12	931-1392	2007	6	0	SME0764302	2004	3	0
116-08094	2001	7	0	827-1538	2002	10	10	931-1392	2007	7	20	SME0764302	2004	4	0
116-08094	2001	8	0	827-1538	2002	11	202	931-1392	2007	8	0	SME0764302	2004	5	0
116-08094	2001	9	0	827-1538	2002	12	10	931-1392	2007	9	0	SME0764302	2004	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
116-08094	2001	10	0	827-1538	2003	1	44	931-1392	2007	10	0	SME0764302	2004	7	42
116-08094	2001	11	0	827-1538	2003	2	0	931-1392	2007	11	0	SME0764302	2004	8	0
116-08094	2001	12	0	827-1538	2003	3	200	931-1392	2007	12	0	SME0764302	2004	9	0
116-08094	2002	1	0	827-1538	2003	4	25	931-1392	2008	1	0	SME0764302	2004	10	0
116-08094	2002	2	101	827-1538	2003	5	167	931-1392	2008	2	0	SME0764302	2004	11	0
116-08094	2002	3	0	827-1538	2003	6	16	931-1392	2008	3	0	SME0764302	2004	12	0
116-08094	2002	4	0	827-1538	2003	7	0	931-1392	2008	4	0	SME0764302	2005	1	0
116-08094	2002	5	0	827-1538	2003	8	125	931-1392	2008	5	0	SME0764302	2005	2	0
116-08094	2002	6	0	827-1538	2003	9	10	931-1392	2008	6	0	SME0764302	2005	3	0
116-08094	2002	7	0	827-1538	2003	10	10	931-1392	2008	7	0	SME0764302	2005	4	0
116-08094	2002	8	0	827-1538	2003	11	0	931-1392	2008	8	0	SME0764302	2005	5	0
116-08094	2002	9	0	827-1538	2003	12	20	931-1392	2008	9	0	SME0764302	2005	6	0
116-08094	2002	10	52	827-1538	2004	1	200	931-1392	2008	10	0	SME0764302	2005	7	0
116-08094	2002	11	0	827-1538	2004	2	230	931-1392	2008	11	0	SME0764302	2005	8	0
116-08094	2002	12	0	827-1538	2004	3	0	931-1392	2008	12	0	SME0764302	2005	9	0
116-08094	2003	1	0	827-1538	2004	4	4	931-1392	2009	1	0	SME0764302	2005	10	0
116-08094	2003	2	0	827-1538	2004	5	212	931-1392	2009	2	0	SME0764302	2005	11	0
116-08094	2003	3	0	827-1538	2004	6	162	931-1392	2009	3	0	SME0764302	2005	12	0
116-08094	2003	4	0	827-1538	2004	7	1076	931-2437	1995	1	0	SME0764302	2006	1	0
116-08094	2003	5	60	827-1538	2004	8	125	931-2437	1995	2	0	SME0764302	2006	2	0
116-08094	2003	6	0	827-1538	2004	9	116	931-2437	1995	3	0	SME0764302	2006	3	10
116-08094	2003	7	75	827-1538	2004	10	200	931-2437	1995	4	0	SME0764302	2006	4	0
116-08094	2003	8	0	827-1538	2004	11	101	931-2437	1995	5	0	SME0764302	2006	5	40
116-08094	2003	9	0	827-1538	2004	12	5	931-2437	1995	6	0	SME0764302	2006	6	0
116-08094	2003	10	0	827-1538	2005	1	0	931-2437	1995	7	0	SME0764302	2006	7	0
116-08094	2003	11	0	827-1538	2005	2	500	931-2437	1995	8	250	SME0764302	2006	8	0
116-08094	2003	12	0	827-1538	2005	3	0	931-2437	1995	9	0	SME0764302	2006	9	0
116-08094	2004	1	0	827-1538	2005	4	30	931-2437	1995	10	0	SME0764302	2006	10	30
116-08094	2004	2	0	827-1538	2005	5	32	931-2437	1995	11	500	SME0764302	2006	11	0
116-08094	2004	3	75	827-1538	2005	6	107	931-2437	1995	12	0	SME0764302	2006	12	0
116-08094	2004	4	0	827-1538	2005	7	35	931-2437	1996	1	0	SME0764302	2007	1	0
116-08094	2004	5	0	827-1538	2005	8	1071	931-2437	1996	2	0	SME0764302	2007	2	0
116-08094	2004	6	0	827-1538	2005	9	205	931-2437	1996	3	0	SME0764302	2007	3	0
116-08094	2004	7	75	827-1538	2005	10	0	931-2437	1996	4	101	SME0764302	2007	4	0
116-08094	2004	8	0	827-1538	2005	11	235	931-2437	1996	5	0	SME0764302	2007	5	0
116-08094	2004	9	0	827-1538	2005	12	146	931-2437	1996	6	0	SME0764302	2007	6	0
116-08094	2004	10	0	827-1538	2006	1	26	931-2437	1996	7	0	SME0764302	2007	7	0
116-08094	2004	11	100	827-1538	2006	2	225	931-2437	1996	8	0	SME0764302	2007	8	0
116-08094	2004	12	0	827-1538	2006	3	20	931-2437	1996	9	330	SME0764302	2007	9	0
116-08094	2005	1	100	827-1538	2006	4	0	931-2437	1996	10	0	SME0764302	2007	10	0
116-08094	2005	2	0	827-1538	2006	5	75	931-2437	1996	11	0	SME0764302	2007	11	0
116-08094	2005	3	0	827-1538	2006	6	1496	931-2437	1996	12	0	SME0764302	2007	12	0
116-08094	2005	4	150	827-1538	2006	7	200	931-2437	1997	1	300	SME0764302	2008	1	0
116-08094	2005	5	150	827-1538	2006	8	260	931-2437	1997	2	0	SME0764302	2008	2	0
116-08094	2005	6	0	827-1538	2006	9	0	931-2437	1997	3	450	SME0764302	2008	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
116-08094	2005	7	0	827-1538	2006	10	200	931-2437	1997	4	288	SME0764302	2008	4	0
116-08094	2005	8	0	827-1538	2006	11	0	931-2437	1997	5	0	SME0764302	2008	5	0
116-08094	2005	9	0	827-1538	2006	12	85	931-2437	1997	6	0	SME0764302	2008	6	0
116-08094	2005	10	0	827-1538	2007	1	350	931-2437	1997	7	0	SME0764302	2008	7	0
116-08094	2005	11	0	827-1538	2007	2	0	931-2437	1997	8	0	SME0764302	2008	8	25
116-08094	2005	12	0	827-1538	2007	3	1200	931-2437	1997	9	100	SME0764302	2008	9	0
116-08094	2006	1	0	827-1538	2007	4	200	931-2437	1997	10	0	SME0764302	2008	10	0
116-08094	2006	2	0	827-1538	2007	5	75	931-2437	1997	11	105	SME0764302	2008	11	25
116-08094	2006	3	0	827-1538	2007	6	150	931-2437	1997	12	600	SME0764302	2008	12	0
116-08094	2006	4	0	827-1538	2007	7	100	931-2437	1998	1	200	SME0764302	2009	1	0
116-08094	2006	5	239	827-1538	2007	8	1000	931-2437	1998	2	0	SME0764302	2009	2	0
116-08094	2006	6	0	827-1538	2007	9	200	931-2437	1998	3	0	SME0764302	2009	3	0
116-08094	2006	7	0	827-1538	2007	10	3	931-2437	1998	4	130	SME0764604	1998	1	0
116-08094	2006	8	0	827-1538	2007	11	110	931-2437	1998	5	0	SME0764604	1998	2	0
116-08094	2006	9	0	827-1538	2007	12	178	931-2437	1998	6	201	SME0764604	1998	3	0
116-08094	2006	10	0	827-1538	2008	1	25	931-2437	1998	7	200	SME0764604	1998	4	0
116-08094	2006	11	200	827-1538	2008	2	0	931-2437	1998	8	0	SME0764604	1998	5	0
116-08094	2006	12	0	827-1538	2008	3	310	931-2437	1998	9	0	SME0764604	1998	6	0
116-08094	2007	1	0	827-1538	2008	4	10	931-2437	1998	10	0	SME0764604	1998	7	0
116-08094	2007	2	0	827-1538	2008	5	500	931-2437	1998	11	0	SME0764604	1998	8	0
116-08094	2007	3	250	827-1538	2008	6	176	931-2437	1998	12	0	SME0764604	1998	9	11
116-08094	2007	4	0	827-1538	2008	7	1006	931-2437	1999	1	320	SME0764604	1998	10	0
116-08094	2007	5	0	827-1538	2008	8	152	931-2437	1999	2	0	SME0764604	1998	11	0
116-08094	2007	6	0	827-1538	2008	9	30	931-2437	1999	3	0	SME0764604	1998	12	0
116-08094	2007	7	0	827-1538	2008	10	0	931-2437	1999	4	0	SME0764604	1999	1	9
116-08094	2007	8	0	827-1538	2008	11	0	931-2437	1999	5	0	SME0764604	1999	2	0
116-08094	2007	9	0	827-1538	2008	12	0	931-2437	1999	6	0	SME0764604	1999	3	0
116-08094	2007	10	0	827-1538	2009	1	125	931-2437	1999	7	0	SME0764604	1999	4	0
116-08094	2007	11	0	827-1538	2009	2	0	931-2437	1999	8	400	SME0764604	1999	5	0
116-08094	2007	12	0	827-1538	2009	3	0	931-2437	1999	9	0	SME0764604	1999	6	0
116-08094	2008	1	0	827-1596	1995	1	0	931-2437	1999	10	0	SME0764604	1999	7	0
116-08094	2008	2	0	827-1596	1995	2	50	931-2437	1999	11	0	SME0764604	1999	8	0
116-08094	2008	3	0	827-1596	1995	3	0	931-2437	1999	12	0	SME0764604	1999	9	0
116-08094	2008	4	0	827-1596	1995	4	103	931-2437	2000	1	0	SME0764604	1999	10	0
116-08094	2008	5	0	827-1596	1995	5	0	931-2437	2000	2	332	SME0764604	1999	11	0
116-08094	2008	6	150	827-1596	1995	6	113	931-2437	2000	3	850	SME0764604	1999	12	0
116-08094	2008	7	0	827-1596	1995	7	4	931-2437	2000	4	0	SME0764604	2000	1	0
116-08094	2008	8	0	827-1596	1995	8	0	931-2437	2000	5	0	SME0764604	2000	2	0
116-08094	2008	9	20	827-1596	1995	9	12	931-2437	2000	6	0	SME0764604	2000	3	0
116-08094	2008	10	0	827-1596	1995	10	0	931-2437	2000	7	0	SME0764604	2000	4	0
116-08094	2008	11	0	827-1596	1995	11	100	931-2437	2000	8	10	SME0764604	2000	5	30
116-08094	2008	12	0	827-1596	1995	12	0	931-2437	2000	9	0	SME0764604	2000	6	0
116-08094	2009	1	0	827-1596	1996	1	10	931-2437	2000	10	0	SME0764604	2000	7	0
116-08094	2009	2	0	827-1596	1996	2	3	931-2437	2000	11	0	SME0764604	2000	8	0
116-08094	2009	3	0	827-1596	1996	3	114	931-2437	2000	12	0	SME0764604	2000	9	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
13729	2006	1	0	827-1596	1996	4	0	931-2437	2001	1	1000	SME0764604	2000	10	0
13729	2006	2	0	827-1596	1996	5	17	931-2437	2001	2	0	SME0764604	2000	11	0
13729	2006	3	0	827-1596	1996	6	10	931-2437	2001	3	0	SME0764604	2000	12	0
13729	2006	4	0	827-1596	1996	7	15	931-2437	2001	4	0	SME0764604	2001	1	0
13729	2006	5	0	827-1596	1996	8	0	931-2437	2001	5	0	SME0764604	2001	2	0
13729	2006	6	0	827-1596	1996	9	12	931-2437	2001	6	0	SME0764604	2001	3	0
13729	2006	7	0	827-1596	1996	10	20	931-2437	2001	7	0	SME0764604	2001	4	0
13729	2006	8	0	827-1596	1996	11	3	931-2437	2001	8	2000	SME0764604	2001	5	0
13729	2006	9	0	827-1596	1996	12	0	931-2437	2001	9	0	SME0764604	2001	6	0
13729	2006	10	5	827-1596	1997	1	0	931-2437	2001	10	0	SME0764604	2001	7	0
13729	2006	11	0	827-1596	1997	2	100	931-2437	2001	11	0	SME0764604	2001	8	32
13729	2006	12	0	827-1596	1997	3	0	931-2437	2001	12	0	SME0764604	2001	9	0
13729	2007	1	0	827-1596	1997	4	90	931-2437	2002	1	797	SME0764604	2001	10	0
13729	2007	2	0	827-1596	1997	5	0	931-2437	2002	2	0	SME0764604	2001	11	0
13729	2007	3	0	827-1596	1997	6	3	931-2437	2002	3	0	SME0764604	2001	12	0
13729	2007	4	0	827-1596	1997	7	0	931-2437	2002	4	3766	SME0764604	2002	1	0
13729	2007	5	0	827-1596	1997	8	0	931-2437	2002	5	0	SME0764604	2002	2	0
13729	2007	6	0	827-1596	1997	9	146	931-2437	2002	6	0	SME0764604	2002	3	50
13729	2007	7	0	827-1596	1997	10	30	931-2437	2002	7	0	SME0764604	2002	4	0
13729	2007	8	0	827-1596	1997	11	5	931-2437	2002	8	0	SME0764604	2002	5	0
13729	2007	9	0	827-1596	1997	12	0	931-2437	2002	9	0	SME0764604	2002	6	0
13729	2007	10	0	827-1596	1998	1	0	931-2437	2002	10	0	SME0764604	2002	7	0
13729	2007	11	0	827-1596	1998	2	0	931-2437	2002	11	0	SME0764604	2002	8	0
13729	2007	12	0	827-1596	1998	3	0	931-2437	2002	12	0	SME0764604	2002	9	0
13729	2008	1	0	827-1596	1998	4	0	931-2437	2003	1	0	SME0764604	2002	10	0
13729	2008	2	120	827-1596	1998	5	3	931-2437	2003	2	0	SME0764604	2002	11	41
13729	2008	3	0	827-1596	1998	6	0	931-2437	2003	3	0	SME0764604	2002	12	0
13729	2008	4	0	827-1596	1998	7	0	931-2437	2003	4	20	SME0764604	2003	1	0
13729	2008	5	0	827-1596	1998	8	0	931-2437	2003	5	0	SME0764604	2003	2	0
13729	2008	6	0	827-1596	1998	9	0	931-2437	2003	6	0	SME0764604	2003	3	0
13729	2008	7	0	827-1596	1998	10	0	931-2437	2003	7	0	SME0764604	2003	4	0
13729	2008	8	0	827-1596	1998	11	3	931-2437	2003	8	0	SME0764604	2003	5	0
13729	2008	9	0	827-1596	1998	12	280	931-2437	2003	9	400	SME0764604	2003	6	0
13729	2008	10	0	827-1596	1999	1	6	931-2437	2003	10	0	SME0764604	2003	7	0
13729	2008	11	0	827-1596	1999	2	0	931-2437	2003	11	0	SME0764604	2003	8	0
13729	2008	12	0	827-1596	1999	3	0	931-2437	2003	12	0	SME0764604	2003	9	0
13729	2009	1	0	827-1596	1999	4	0	931-2437	2004	1	56	SME0764604	2003	10	0
13729	2009	2	0	827-1596	1999	5	23	931-2437	2004	2	0	SME0764604	2003	11	44
13729	2009	3	0	827-1596	1999	6	0	931-2437	2004	3	0	SME0764604	2003	12	0
2100-08031	2005	1	0	827-1596	1999	7	0	931-2437	2004	4	0	SME0764604	2004	1	0
2100-08031	2005	2	0	827-1596	1999	8	0	931-2437	2004	5	0	SME0764604	2004	2	0
2100-08031	2005	3	0	827-1596	1999	9	50	931-2437	2004	6	0	SME0764604	2004	3	0
2100-08031	2005	4	0	827-1596	1999	10	0	931-2437	2004	7	100	SME0764604	2004	4	0
2100-08031	2005	5	0	827-1596	1999	11	2	931-2437	2004	8	0	SME0764604	2004	5	0
2100-08031	2005	6	10	827-1596	1999	12	0	931-2437	2004	9	0	SME0764604	2004	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
2100-08031	2005	7	0	827-1596	2000	1	0	931-2437	2004	10	0	SME0764604	2004	7	0
2100-08031	2005	8	0	827-1596	2000	2	0	931-2437	2004	11	0	SME0764604	2004	8	0
2100-08031	2005	9	0	827-1596	2000	3	4	931-2437	2004	12	0	SME0764604	2004	9	51
2100-08031	2005	10	0	827-1596	2000	4	0	931-2437	2005	1	0	SME0764604	2004	10	0
2100-08031	2005	11	0	827-1596	2000	5	0	931-2437	2005	2	0	SME0764604	2004	11	0
2100-08031	2005	12	0	827-1596	2000	6	0	931-2437	2005	3	0	SME0764604	2004	12	0
2100-08031	2006	1	0	827-1596	2000	7	60	931-2437	2005	4	0	SME0764604	2005	1	0
2100-08031	2006	2	0	827-1596	2000	8	6	931-2437	2005	5	0	SME0764604	2005	2	0
2100-08031	2006	3	0	827-1596	2000	9	0	931-2437	2005	6	800	SME0764604	2005	3	0
2100-08031	2006	4	0	827-1596	2000	10	8	931-2437	2005	7	0	SME0764604	2005	4	10
2100-08031	2006	5	0	827-1596	2000	11	25	931-2437	2005	8	0	SME0764604	2005	5	10
2100-08031	2006	6	0	827-1596	2000	12	0	931-2437	2005	9	100	SME0764604	2005	6	10
2100-08031	2006	7	0	827-1596	2001	1	0	931-2437	2005	10	0	SME0764604	2005	7	0
2100-08031	2006	8	0	827-1596	2001	2	0	931-2437	2005	11	0	SME0764604	2005	8	10
2100-08031	2006	9	0	827-1596	2001	3	0	931-2437	2005	12	0	SME0764604	2005	9	0
2100-08031	2006	10	0	827-1596	2001	4	0	931-2437	2006	1	0	SME0764604	2005	10	0
2100-08031	2006	11	0	827-1596	2001	5	0	931-2437	2006	2	0	SME0764604	2005	11	0
2100-08031	2006	12	0	827-1596	2001	6	0	931-2437	2006	3	0	SME0764604	2005	12	0
2100-08031	2007	1	0	827-1596	2001	7	0	931-2437	2006	4	0	SME0764604	2006	1	10
2100-08031	2007	2	0	827-1596	2001	8	0	931-2437	2006	5	0	SME0764604	2006	2	0
2100-08031	2007	3	0	827-1596	2001	9	20	931-2437	2006	6	1070	SME0764604	2006	3	0
2100-08031	2007	4	0	827-1596	2001	10	0	931-2437	2006	7	0	SME0764604	2006	4	0
2100-08031	2007	5	0	827-1596	2001	11	0	931-2437	2006	8	0	SME0764604	2006	5	0
2100-08031	2007	6	0	827-1596	2001	12	8	931-2437	2006	9	0	SME0764604	2006	6	0
2100-08031	2007	7	0	827-1596	2002	1	6	931-2437	2006	10	0	SME0764604	2006	7	0
2100-08031	2007	8	0	827-1596	2002	2	0	931-2437	2006	11	0	SME0764604	2006	8	0
2100-08031	2007	9	6	827-1596	2002	3	0	931-2437	2006	12	0	SME0764604	2006	9	0
2100-08031	2007	10	0	827-1596	2002	4	0	931-2437	2007	1	0	SME0764604	2006	10	0
2100-08031	2007	11	0	827-1596	2002	5	101	931-2437	2007	2	0	SME0764604	2006	11	10
2100-08031	2007	12	0	827-1596	2002	6	0	931-2437	2007	3	0	SME0764604	2006	12	0
2100-08031	2008	1	0	827-1596	2002	7	0	931-2437	2007	4	0	SME0764604	2007	1	0
2100-08031	2008	2	0	827-1596	2002	8	0	931-2437	2007	5	0	SME0764604	2007	2	0
2100-08031	2008	3	0	827-1596	2002	9	0	931-2437	2007	6	0	SME0764604	2007	3	0
2100-08031	2008	4	0	827-1596	2002	10	20	931-2437	2007	7	0	SME0764604	2007	4	0
2100-08031	2008	5	0	827-1596	2002	11	101	931-2437	2007	8	0	SME0764604	2007	5	10
2100-08031	2008	6	0	827-1596	2002	12	0	931-2437	2007	9	0	SME0764604	2007	6	0
2100-08031	2008	7	0	827-1596	2003	1	2	931-2437	2007	10	0	SME0764604	2007	7	0
2100-08031	2008	8	0	827-1596	2003	2	0	931-2437	2007	11	0	SME0764604	2007	8	0
2100-08031	2008	9	0	827-1596	2003	3	0	931-2437	2007	12	0	SME0764604	2007	9	0
2100-08031	2008	10	10	827-1596	2003	4	0	931-2437	2008	1	0	SME0764604	2007	10	0
2100-08031	2008	11	0	827-1596	2003	5	0	931-2437	2008	2	0	SME0764604	2007	11	17
2100-08031	2008	12	0	827-1596	2003	6	0	931-2437	2008	3	0	SME0764604	2007	12	0
2100-08031	2009	1	0	827-1596	2003	7	0	931-2437	2008	4	506	SME0764604	2008	1	0
2100-08031	2009	2	0	827-1596	2003	8	51	931-2437	2008	5	0	SME0764604	2008	2	10
2100-08031	2009	3	0	827-1596	2003	9	0	931-2437	2008	6	0	SME0764604	2008	3	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
2309-0003	2005	1	0	827-1596	2003	10	70	931-2437	2008	7	0	SME0764604	2008	4	0
2309-0003	2005	2	0	827-1596	2003	11	0	931-2437	2008	8	0	SME0764604	2008	5	0
2309-0003	2005	3	0	827-1596	2003	12	20	931-2437	2008	9	0	SME0764604	2008	6	0
2309-0003	2005	4	0	827-1596	2004	1	0	931-2437	2008	10	0	SME0764604	2008	7	0
2309-0003	2005	5	23	827-1596	2004	2	0	931-2437	2008	11	0	SME0764604	2008	8	0
2309-0003	2005	6	0	827-1596	2004	3	0	931-2437	2008	12	0	SME0764604	2008	9	0
2309-0003	2005	7	0	827-1596	2004	4	0	931-2437	2009	1	0	SME0764604	2008	10	0
2309-0003	2005	8	0	827-1596	2004	5	2	931-2437	2009	2	0	SME0764604	2008	11	0
2309-0003	2005	9	0	827-1596	2004	6	0	931-2437	2009	3	0	SME0764604	2008	12	0
2309-0003	2005	10	0	827-1596	2004	7	0	931-2524	1995	1	0	SME0764604	2009	1	0
2309-0003	2005	11	0	827-1596	2004	8	0	931-2524	1995	2	64	SME0764604	2009	2	0
2309-0003	2005	12	4	827-1596	2004	9	0	931-2524	1995	3	0	SME0764604	2009	3	0
2309-0003	2006	1	0	827-1596	2004	10	70	931-2524	1995	4	402	SSRF-4ZZRA3P25LG32VN	1995	1	0
2309-0003	2006	2	0	827-1596	2004	11	0	931-2524	1995	5	0	SSRF-4ZZRA3P25LG32VN	1995	2	6
2309-0003	2006	3	0	827-1596	2004	12	0	931-2524	1995	6	0	SSRF-4ZZRA3P25LG32VN	1995	3	48
2309-0003	2006	4	0	827-1596	2005	1	6	931-2524	1995	7	100	SSRF-4ZZRA3P25LG32VN	1995	4	10
2309-0003	2006	5	0	827-1596	2005	2	0	931-2524	1995	8	0	SSRF-4ZZRA3P25LG32VN	1995	5	4
2309-0003	2006	6	0	827-1596	2005	3	0	931-2524	1995	9	0	SSRF-4ZZRA3P25LG32VN	1995	6	3
2309-0003	2006	7	1	827-1596	2005	4	0	931-2524	1995	10	0	SSRF-4ZZRA3P25LG32VN	1995	7	0
2309-0003	2006	8	21	827-1596	2005	5	0	931-2524	1995	11	0	SSRF-4ZZRA3P25LG32VN	1995	8	12
2309-0003	2006	9	0	827-1596	2005	6	0	931-2524	1995	12	0	SSRF-4ZZRA3P25LG32VN	1995	9	6
2309-0003	2006	10	0	827-1596	2005	7	10	931-2524	1996	1	0	SSRF-4ZZRA3P25LG32VN	1995	10	5
2309-0003	2006	11	10	827-1596	2005	8	0	931-2524	1996	2	425	SSRF-4ZZRA3P25LG32VN	1995	11	10
2309-0003	2006	12	0	827-1596	2005	9	0	931-2524	1996	3	0	SSRF-4ZZRA3P25LG32VN	1995	12	112
2309-0003	2007	1	0	827-1596	2005	10	30	931-2524	1996	4	400	SSRF-4ZZRA3P25LG32VN	1996	1	61
2309-0003	2007	2	0	827-1596	2005	11	0	931-2524	1996	5	0	SSRF-4ZZRA3P25LG32VN	1996	2	150
2309-0003	2007	3	0	827-1596	2005	12	6	931-2524	1996	6	0	SSRF-4ZZRA3P25LG32VN	1996	3	184
2309-0003	2007	4	8	827-1596	2006	1	0	931-2524	1996	7	0	SSRF-4ZZRA3P25LG32VN	1996	4	194
2309-0003	2007	5	0	827-1596	2006	2	100	931-2524	1996	8	0	SSRF-4ZZRA3P25LG32VN	1996	5	192
2309-0003	2007	6	1	827-1596	2006	3	0	931-2524	1996	9	0	SSRF-4ZZRA3P25LG32VN	1996	6	7
2309-0003	2007	7	0	827-1596	2006	4	0	931-2524	1996	10	0	SSRF-4ZZRA3P25LG32VN	1996	7	289
2309-0003	2007	8	0	827-1596	2006	5	0	931-2524	1996	11	1100	SSRF-4ZZRA3P25LG32VN	1996	8	87
2309-0003	2007	9	1	827-1596	2006	6	0	931-2524	1996	12	0	SSRF-4ZZRA3P25LG32VN	1996	9	174
2309-0003	2007	10	0	827-1596	2006	7	0	931-2524	1997	1	0	SSRF-4ZZRA3P25LG32VN	1996	10	261
2309-0003	2007	11	0	827-1596	2006	8	100	931-2524	1997	2	0	SSRF-4ZZRA3P25LG32VN	1996	11	471
2309-0003	2007	12	0	827-1596	2006	9	6	931-2524	1997	3	0	SSRF-4ZZRA3P25LG32VN	1996	12	4
2309-0003	2008	1	0	827-1596	2006	10	0	931-2524	1997	4	0	SSRF-4ZZRA3P25LG32VN	1997	1	0
2309-0003	2008	2	0	827-1596	2006	11	0	931-2524	1997	5	0	SSRF-4ZZRA3P25LG32VN	1997	2	719
2309-0003	2008	3	0	827-1596	2006	12	0	931-2524	1997	6	0	SSRF-4ZZRA3P25LG32VN	1997	3	0
2309-0003	2008	4	0	827-1596	2007	1	0	931-2524	1997	7	0	SSRF-4ZZRA3P25LG32VN	1997	4	444
2309-0003	2008	5	0	827-1596	2007	2	0	931-2524	1997	8	0	SSRF-4ZZRA3P25LG32VN	1997	5	725
2309-0003	2008	6	0	827-1596	2007	3	10	931-2524	1997	9	0	SSRF-4ZZRA3P25LG32VN	1997	6	525
2309-0003	2008	7	0	827-1596	2007	4	0	931-2524	1997	10	0	SSRF-4ZZRA3P25LG32VN	1997	7	304
2309-0003	2008	8	10	827-1596	2007	5	0	931-2524	1997	11	0	SSRF-4ZZRA3P25LG32VN	1997	8	20
2309-0003	2008	9	0	827-1596	2007	6	0	931-2524	1997	12	1200	SSRF-4ZZRA3P25LG32VN	1997	9	504

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
2309-0003	2008	10	0	827-1596	2007	7	0	931-2524	1998	1	0	SSRF-4ZZRA3P25LG32VN	1997	10	823
2309-0003	2008	11	0	827-1596	2007	8	0	931-2524	1998	2	0	SSRF-4ZZRA3P25LG32VN	1997	11	520
2309-0003	2008	12	0	827-1596	2007	9	0	931-2524	1998	3	0	SSRF-4ZZRA3P25LG32VN	1997	12	10
2309-0003	2009	1	0	827-1596	2007	10	0	931-2524	1998	4	0	SSRF-4ZZRA3P25LG32VN	1998	1	20
2309-0003	2009	2	0	827-1596	2007	11	6	931-2524	1998	5	0	SSRF-4ZZRA3P25LG32VN	1998	2	0
2309-0003	2009	3	0	827-1596	2007	12	0	931-2524	1998	6	0	SSRF-4ZZRA3P25LG32VN	1998	3	16
2312-0060	2006	1	0	827-1596	2008	1	0	931-2524	1998	7	0	SSRF-4ZZRA3P25LG32VN	1998	4	6
2312-0060	2006	2	0	827-1596	2008	2	8	931-2524	1998	8	0	SSRF-4ZZRA3P25LG32VN	1998	5	42
2312-0060	2006	3	0	827-1596	2008	3	0	931-2524	1998	9	0	SSRF-4ZZRA3P25LG32VN	1998	6	23
2312-0060	2006	4	2500	827-1596	2008	4	0	931-2524	1998	10	0	SSRF-4ZZRA3P25LG32VN	1998	7	20
2312-0060	2006	5	0	827-1596	2008	5	0	931-2524	1998	11	0	SSRF-4ZZRA3P25LG32VN	1998	8	10
2312-0060	2006	6	0	827-1596	2008	6	72	931-2524	1998	12	0	SSRF-4ZZRA3P25LG32VN	1998	9	4
2312-0060	2006	7	0	827-1596	2008	7	0	931-2524	1999	1	0	SSRF-4ZZRA3P25LG32VN	1998	10	10
2312-0060	2006	8	2500	827-1596	2008	8	0	931-2524	1999	2	0	SSRF-4ZZRA3P25LG32VN	1998	11	80
2312-0060	2006	9	0	827-1596	2008	9	0	931-2524	1999	3	0	SSRF-4ZZRA3P25LG32VN	1998	12	0
2312-0060	2006	10	0	827-1596	2008	10	0	931-2524	1999	4	0	SSRF-4ZZRA3P25LG32VN	1999	1	6
2312-0060	2006	11	0	827-1596	2008	11	0	931-2524	1999	5	0	SSRF-4ZZRA3P25LG32VN	1999	2	64
2312-0060	2006	12	0	827-1596	2008	12	0	931-2524	1999	6	0	SSRF-4ZZRA3P25LG32VN	1999	3	31
2312-0060	2007	1	0	827-1596	2009	1	0	931-2524	1999	7	0	SSRF-4ZZRA3P25LG32VN	1999	4	55
2312-0060	2007	2	0	827-1596	2009	2	0	931-2524	1999	8	0	SSRF-4ZZRA3P25LG32VN	1999	5	6
2312-0060	2007	3	0	827-1596	2009	3	0	931-2524	1999	9	0	SSRF-4ZZRA3P25LG32VN	1999	6	65
2312-0060	2007	4	0	827-1648-NJT	1995	1	0	931-2524	1999	10	0	SSRF-4ZZRA3P25LG32VN	1999	7	60
2312-0060	2007	5	0	827-1648-NJT	1995	2	0	931-2524	1999	11	0	SSRF-4ZZRA3P25LG32VN	1999	8	0
2312-0060	2007	6	2500	827-1648-NJT	1995	3	0	931-2524	1999	12	0	SSRF-4ZZRA3P25LG32VN	1999	9	120
2312-0060	2007	7	0	827-1648-NJT	1995	4	0	931-2524	2000	1	0	SSRF-4ZZRA3P25LG32VN	1999	10	50
2312-0060	2007	8	0	827-1648-NJT	1995	5	41	931-2524	2000	2	0	SSRF-4ZZRA3P25LG32VN	1999	11	100
2312-0060	2007	9	0	827-1648-NJT	1995	6	0	931-2524	2000	3	0	SSRF-4ZZRA3P25LG32VN	1999	12	10
2312-0060	2007	10	2500	827-1648-NJT	1995	7	60	931-2524	2000	4	0	SSRF-4ZZRA3P25LG32VN	2000	1	142
2312-0060	2007	11	0	827-1648-NJT	1995	8	0	931-2524	2000	5	0	SSRF-4ZZRA3P25LG32VN	2000	2	12
2312-0060	2007	12	0	827-1648-NJT	1995	9	0	931-2524	2000	6	0	SSRF-4ZZRA3P25LG32VN	2000	3	550
2312-0060	2008	1	0	827-1648-NJT	1995	10	0	931-2524	2000	7	0	SSRF-4ZZRA3P25LG32VN	2000	4	0
2312-0060	2008	2	0	827-1648-NJT	1995	11	0	931-2524	2000	8	0	SSRF-4ZZRA3P25LG32VN	2000	5	30
2312-0060	2008	3	0	827-1648-NJT	1995	12	0	931-2524	2000	9	0	SSRF-4ZZRA3P25LG32VN	2000	6	74
2312-0060	2008	4	0	827-1648-NJT	1996	1	80	931-2524	2000	10	0	SSRF-4ZZRA3P25LG32VN	2000	7	0
2312-0060	2008	5	2500	827-1648-NJT	1996	2	6	931-2524	2000	11	0	SSRF-4ZZRA3P25LG32VN	2000	8	151
2312-0060	2008	6	0	827-1648-NJT	1996	3	5	931-2524	2000	12	0	SSRF-4ZZRA3P25LG32VN	2000	9	400
2312-0060	2008	7	0	827-1648-NJT	1996	4	0	931-2524	2001	1	0	SSRF-4ZZRA3P25LG32VN	2000	10	73
2312-0060	2008	8	0	827-1648-NJT	1996	5	58	931-2524	2001	2	0	SSRF-4ZZRA3P25LG32VN	2000	11	100
2312-0060	2008	9	2500	827-1648-NJT	1996	6	0	931-2524	2001	3	0	SSRF-4ZZRA3P25LG32VN	2000	12	0
2312-0060	2008	10	0	827-1648-NJT	1996	7	10	931-2524	2001	4	0	SSRF-4ZZRA3P25LG32VN	2001	1	76
2312-0060	2008	11	0	827-1648-NJT	1996	8	5	931-2524	2001	5	0	SSRF-4ZZRA3P25LG32VN	2001	2	10
2312-0060	2008	12	0	827-1648-NJT	1996	9	0	931-2524	2001	6	0	SSRF-4ZZRA3P25LG32VN	2001	3	0
2312-0060	2009	1	0	827-1648-NJT	1996	10	6	931-2524	2001	7	0	SSRF-4ZZRA3P25LG32VN	2001	4	640
2312-0060	2009	2	0	827-1648-NJT	1996	11	6	931-2524	2001	8	0	SSRF-4ZZRA3P25LG32VN	2001	5	80
2312-0060	2009	3	0	827-1648-NJT	1996	12	0	931-2524	2001	9	0	SSRF-4ZZRA3P25LG32VN	2001	6	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
3400-01015	2003	1	0	827-1648-NJT	1997	1	0	931-2524	2001	10	0	SSRF-4ZZRA3P25LG32VN	2001	7	40
3400-01015	2003	2	0	827-1648-NJT	1997	2	6	931-2524	2001	11	0	SSRF-4ZZRA3P25LG32VN	2001	8	0
3400-01015	2003	3	0	827-1648-NJT	1997	3	0	931-2524	2001	12	0	SSRF-4ZZRA3P25LG32VN	2001	9	1150
3400-01015	2003	4	1	827-1648-NJT	1997	4	2	931-2524	2002	1	0	SSRF-4ZZRA3P25LG32VN	2001	10	40
3400-01015	2003	5	0	827-1648-NJT	1997	5	6	931-2524	2002	2	300	SSRF-4ZZRA3P25LG32VN	2001	11	0
3400-01015	2003	6	0	827-1648-NJT	1997	6	80	931-2524	2002	3	0	SSRF-4ZZRA3P25LG32VN	2001	12	0
3400-01015	2003	7	0	827-1648-NJT	1997	7	87	931-2524	2002	4	0	SSRF-4ZZRA3P25LG32VN	2002	1	100
3400-01015	2003	8	0	827-1648-NJT	1997	8	7	931-2524	2002	5	0	SSRF-4ZZRA3P25LG32VN	2002	2	0
3400-01015	2003	9	0	827-1648-NJT	1997	9	0	931-2524	2002	6	0	SSRF-4ZZRA3P25LG32VN	2002	3	0
3400-01015	2003	10	0	827-1648-NJT	1997	10	0	931-2524	2002	7	0	SSRF-4ZZRA3P25LG32VN	2002	4	0
3400-01015	2003	11	0	827-1648-NJT	1997	11	22	931-2524	2002	8	0	SSRF-4ZZRA3P25LG32VN	2002	5	0
3400-01015	2003	12	0	827-1648-NJT	1997	12	0	931-2524	2002	9	0	SSRF-4ZZRA3P25LG32VN	2002	6	15
3400-01015	2004	1	0	827-1648-NJT	1998	1	0	931-2524	2002	10	0	SSRF-4ZZRA3P25LG32VN	2002	7	100
3400-01015	2004	2	0	827-1648-NJT	1998	2	10	931-2524	2002	11	0	SSRF-4ZZRA3P25LG32VN	2002	8	50
3400-01015	2004	3	0	827-1648-NJT	1998	3	3	931-2524	2002	12	0	SSRF-4ZZRA3P25LG32VN	2002	9	150
3400-01015	2004	4	1	827-1648-NJT	1998	4	80	931-2524	2003	1	0	SSRF-4ZZRA3P25LG32VN	2002	10	0
3400-01015	2004	5	0	827-1648-NJT	1998	5	0	931-2524	2003	2	0	SSRF-4ZZRA3P25LG32VN	2002	11	15
3400-01015	2004	6	0	827-1648-NJT	1998	6	0	931-2524	2003	3	0	SSRF-4ZZRA3P25LG32VN	2002	12	300
3400-01015	2004	7	0	827-1648-NJT	1998	7	8	931-2524	2003	4	0	SSRF-4ZZRA3P25LG32VN	2003	1	31
3400-01015	2004	8	0	827-1648-NJT	1998	8	6	931-2524	2003	5	0	SSRF-4ZZRA3P25LG32VN	2003	2	100
3400-01015	2004	9	0	827-1648-NJT	1998	9	0	931-2524	2003	6	0	SSRF-4ZZRA3P25LG32VN	2003	3	300
3400-01015	2004	10	0	827-1648-NJT	1998	10	0	931-2524	2003	7	0	SSRF-4ZZRA3P25LG32VN	2003	4	20
3400-01015	2004	11	0	827-1648-NJT	1998	11	0	931-2524	2003	8	0	SSRF-4ZZRA3P25LG32VN	2003	5	20
3400-01015	2004	12	0	827-1648-NJT	1998	12	3	931-2524	2003	9	0	SSRF-4ZZRA3P25LG32VN	2003	6	700
3400-01015	2005	1	1	827-1648-NJT	1999	1	0	931-2524	2003	10	0	SSRF-4ZZRA3P25LG32VN	2003	7	0
3400-01015	2005	2	56	827-1648-NJT	1999	2	7	931-2524	2003	11	1	SSRF-4ZZRA3P25LG32VN	2003	8	0
3400-01015	2005	3	0	827-1648-NJT	1999	3	0	931-2524	2003	12	0	SSRF-4ZZRA3P25LG32VN	2003	9	20
3400-01015	2005	4	0	827-1648-NJT	1999	4	0	931-2524	2004	1	0	SSRF-4ZZRA3P25LG32VN	2003	10	15
3400-01015	2005	5	3	827-1648-NJT	1999	5	13	931-2524	2004	2	0	SSRF-4ZZRA3P25LG32VN	2003	11	220
3400-01015	2005	6	15	827-1648-NJT	1999	6	95	931-2524	2004	3	0	SSRF-4ZZRA3P25LG32VN	2003	12	300
3400-01015	2005	7	2	827-1648-NJT	1999	7	30	931-2524	2004	4	0	SSRF-4ZZRA3P25LG32VN	2004	1	315
3400-01015	2005	8	0	827-1648-NJT	1999	8	90	931-2524	2004	5	200	SSRF-4ZZRA3P25LG32VN	2004	2	40
3400-01015	2005	9	0	827-1648-NJT	1999	9	256	931-2524	2004	6	0	SSRF-4ZZRA3P25LG32VN	2004	3	30
3400-01015	2005	10	2	827-1648-NJT	1999	10	0	931-2524	2004	7	0	SSRF-4ZZRA3P25LG32VN	2004	4	310
3400-01015	2005	11	0	827-1648-NJT	1999	11	0	931-2524	2004	8	0	SSRF-4ZZRA3P25LG32VN	2004	5	326
3400-01015	2005	12	0	827-1648-NJT	1999	12	0	931-2524	2004	9	0	SSRF-4ZZRA3P25LG32VN	2004	6	180
3400-01015	2006	1	0	827-1648-NJT	2000	1	0	931-2524	2004	10	0	SSRF-4ZZRA3P25LG32VN	2004	7	80
3400-01015	2006	2	1	827-1648-NJT	2000	2	15	931-2524	2004	11	0	SSRF-4ZZRA3P25LG32VN	2004	8	0
3400-01015	2006	3	0	827-1648-NJT	2000	3	6	931-2524	2004	12	0	SSRF-4ZZRA3P25LG32VN	2004	9	70
3400-01015	2006	4	8	827-1648-NJT	2000	4	0	931-2524	2005	1	0	SSRF-4ZZRA3P25LG32VN	2004	10	0
3400-01015	2006	5	0	827-1648-NJT	2000	5	0	931-2524	2005	2	0	SSRF-4ZZRA3P25LG32VN	2004	11	0
3400-01015	2006	6	0	827-1648-NJT	2000	6	6	931-2524	2005	3	200	SSRF-4ZZRA3P25LG32VN	2004	12	10
3400-01015	2006	7	0	827-1648-NJT	2000	7	0	931-2524	2005	4	0	SSRF-4ZZRA3P25LG32VN	2005	1	0
3400-01015	2006	8	0	827-1648-NJT	2000	8	6	931-2524	2005	5	0	SSRF-4ZZRA3P25LG32VN	2005	2	100
3400-01015	2006	9	0	827-1648-NJT	2000	9	10	931-2524	2005	6	0	SSRF-4ZZRA3P25LG32VN	2005	3	60

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
3400-01015	2006	10	0	827-1648-NJT	2000	10	0	931-2524	2005	7	0	SSRF-4ZZRA3P25LG32VN	2005	4	0
3400-01015	2006	11	1	827-1648-NJT	2000	11	0	931-2524	2005	8	0	SSRF-4ZZRA3P25LG32VN	2005	5	10
3400-01015	2006	12	0	827-1648-NJT	2000	12	80	931-2524	2005	9	0	SSRF-4ZZRA3P25LG32VN	2005	6	0
3400-01015	2007	1	0	827-1648-NJT	2001	1	0	931-2524	2005	10	0	SSRF-4ZZRA3P25LG32VN	2005	7	0
3400-01015	2007	2	0	827-1648-NJT	2001	2	0	931-2524	2005	11	0	SSRF-4ZZRA3P25LG32VN	2005	8	30
3400-01015	2007	3	0	827-1648-NJT	2001	3	0	931-2524	2005	12	0	SSRF-4ZZRA3P25LG32VN	2005	9	0
3400-01015	2007	4	0	827-1648-NJT	2001	4	0	931-2524	2006	1	0	SSRF-4ZZRA3P25LG32VN	2005	10	50
3400-01015	2007	5	2	827-1648-NJT	2001	5	80	931-2524	2006	2	0	SSRF-4ZZRA3P25LG32VN	2005	11	0
3400-01015	2007	6	0	827-1648-NJT	2001	6	0	931-2524	2006	3	0	SSRF-4ZZRA3P25LG32VN	2005	12	0
3400-01015	2007	7	0	827-1648-NJT	2001	7	0	931-2524	2006	4	0	SSRF-4ZZRA3P25LG32VN	2006	1	20
3400-01015	2007	8	2	827-1648-NJT	2001	8	0	931-2524	2006	5	0	SSRF-4ZZRA3P25LG32VN	2006	2	0
3400-01015	2007	9	0	827-1648-NJT	2001	9	15	931-2524	2006	6	0	SSRF-4ZZRA3P25LG32VN	2006	3	24
3400-01015	2007	10	0	827-1648-NJT	2001	10	0	931-2524	2006	7	0	SSRF-4ZZRA3P25LG32VN	2006	4	0
3400-01015	2007	11	0	827-1648-NJT	2001	11	0	931-2524	2006	8	0	SSRF-4ZZRA3P25LG32VN	2006	5	0
3400-01015	2007	12	15	827-1648-NJT	2001	12	0	931-2524	2006	9	0	SSRF-4ZZRA3P25LG32VN	2006	6	0
3400-01015	2008	1	0	827-1648-NJT	2002	1	0	931-2524	2006	10	0	SSRF-4ZZRA3P25LG32VN	2006	7	0
3400-01015	2008	2	0	827-1648-NJT	2002	2	0	931-2524	2006	11	251	SSRF-4ZZRA3P25LG32VN	2006	8	110
3400-01015	2008	3	0	827-1648-NJT	2002	3	0	931-2524	2006	12	0	SSRF-4ZZRA3P25LG32VN	2006	9	0
3400-01015	2008	4	0	827-1648-NJT	2002	4	0	931-2524	2007	1	0	SSRF-4ZZRA3P25LG32VN	2006	10	0
3400-01015	2008	5	0	827-1648-NJT	2002	5	0	931-2524	2007	2	0	SSRF-4ZZRA3P25LG32VN	2006	11	0
3400-01015	2008	6	0	827-1648-NJT	2002	6	0	931-2524	2007	3	0	SSRF-4ZZRA3P25LG32VN	2006	12	0
3400-01015	2008	7	0	827-1648-NJT	2002	7	0	931-2524	2007	4	80	SSRF-4ZZRA3P25LG32VN	2007	1	0
3400-01015	2008	8	0	827-1648-NJT	2002	8	40	931-2524	2007	5	0	SSRF-4ZZRA3P25LG32VN	2007	2	48
3400-01015	2008	9	0	827-1648-NJT	2002	9	0	931-2524	2007	6	0	SSRF-4ZZRA3P25LG32VN	2007	3	0
3400-01015	2008	10	2	827-1648-NJT	2002	10	0	931-2524	2007	7	300	SSRF-4ZZRA3P25LG32VN	2007	4	6
3400-01015	2008	11	0	827-1648-NJT	2002	11	0	931-2524	2007	8	0	SSRF-4ZZRA3P25LG32VN	2007	5	3
3400-01015	2008	12	0	827-1648-NJT	2002	12	15	931-2524	2007	9	0	SSRF-4ZZRA3P25LG32VN	2007	6	100
3400-01015	2009	1	0	827-1648-NJT	2003	1	40	931-2524	2007	10	0	SSRF-4ZZRA3P25LG32VN	2007	7	0
3400-01015	2009	2	0	827-1648-NJT	2003	2	0	931-2524	2007	11	0	SSRF-4ZZRA3P25LG32VN	2007	8	0
3400-01015	2009	3	0	827-1648-NJT	2003	3	0	931-2524	2007	12	0	SSRF-4ZZRA3P25LG32VN	2007	9	0
3400-10013	2005	1	0	827-1648-NJT	2003	4	0	931-2524	2008	1	0	SSRF-4ZZRA3P25LG32VN	2007	10	0
3400-10013	2005	2	0	827-1648-NJT	2003	5	40	931-2524	2008	2	0	SSRF-4ZZRA3P25LG32VN	2007	11	20
3400-10013	2005	3	0	827-1648-NJT	2003	6	0	931-2524	2008	3	100	SSRF-4ZZRA3P25LG32VN	2007	12	0
3400-10013	2005	4	0	827-1648-NJT	2003	7	0	9326-8100	1998	1	0	SSRF-4ZZRA3P25LG32VN	2008	1	24
3400-10013	2005	5	0	827-1648-NJT	2003	8	43	9326-8100	1998	2	0	SSRF-4ZZRA3P25LG32VN	2008	2	20
3400-10013	2005	6	0	827-1648-NJT	2003	9	0	9326-8100	1998	3	0	SSRF-4ZZRA3P25LG32VN	2008	3	0
3400-10013	2005	7	26	827-1648-NJT	2003	10	0	9326-8100	1998	4	0	SSRF-4ZZRA3P25LG32VN	2008	4	0
3400-10013	2005	8	0	827-1648-NJT	2003	11	0	9326-8100	1998	5	0	SSRF-4ZZRA3P25LG32VN	2008	5	0
3400-10013	2005	9	0	827-1648-NJT	2003	12	40	9326-8100	1998	6	0	SSRF-4ZZRA3P25LG32VN	2008	6	0
3400-10013	2005	10	0	827-1648-NJT	2004	1	0	9326-8100	1998	7	0	SSRF-4ZZRA3P25LG32VN	2008	7	0
3400-10013	2005	11	0	827-1648-NJT	2004	2	0	9326-8100	1998	8	0	SSRF-4ZZRA3P25LG32VN	2008	8	14
3400-10013	2005	12	0	827-1648-NJT	2004	3	0	9326-8100	1998	9	0	SSRF-4ZZRA3P25LG32VN	2008	9	0
3400-10013	2006	1	0	827-1648-NJT	2004	4	10	9326-8100	1998	10	276	SSRF-4ZZRA3P25LG32VN	2008	10	0
3400-10013	2006	2	0	827-1648-NJT	2004	5	40	9326-8100	1998	11	0	SSRF-4ZZRA3P25LG32VN	2008	11	10
3400-10013	2006	3	1	827-1648-NJT	2004	6	100	9326-8100	1998	12	0	SSRF-4ZZRA3P25LG32VN	2008	12	0

Table F-1. Continued

Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty	Part Number	Year	Month	Qty
3400-10013	2006	4	18	827-1648-NJT	2004	7	6	9326-8100	1999	1	0	SSRF-4ZZRA3P25LG32VN	2009	1	0
3400-10013	2006	5	0	827-1648-NJT	2004	8	0	9326-8100	1999	2	0	SSRF-4ZZRA3P25LG32VN	2009	2	0
3400-10013	2006	6	0	827-1648-NJT	2004	9	0	9326-8100	1999	3	0	SSRF-4ZZRA3P25LG32VN	2009	3	0

VITA

Lourdes Ludwig is a Graduate Research Assistant at the University of Tennessee Space Institute. She earned her B.S. in Industrial Engineering in Venezuela in 2001; she worked mostly in the oil industry until 2006. In 2007, she started her M.S. in Industrial Engineering with concentration in Engineering Management at the University of Tennessee Space Institute.